

FIG. 1

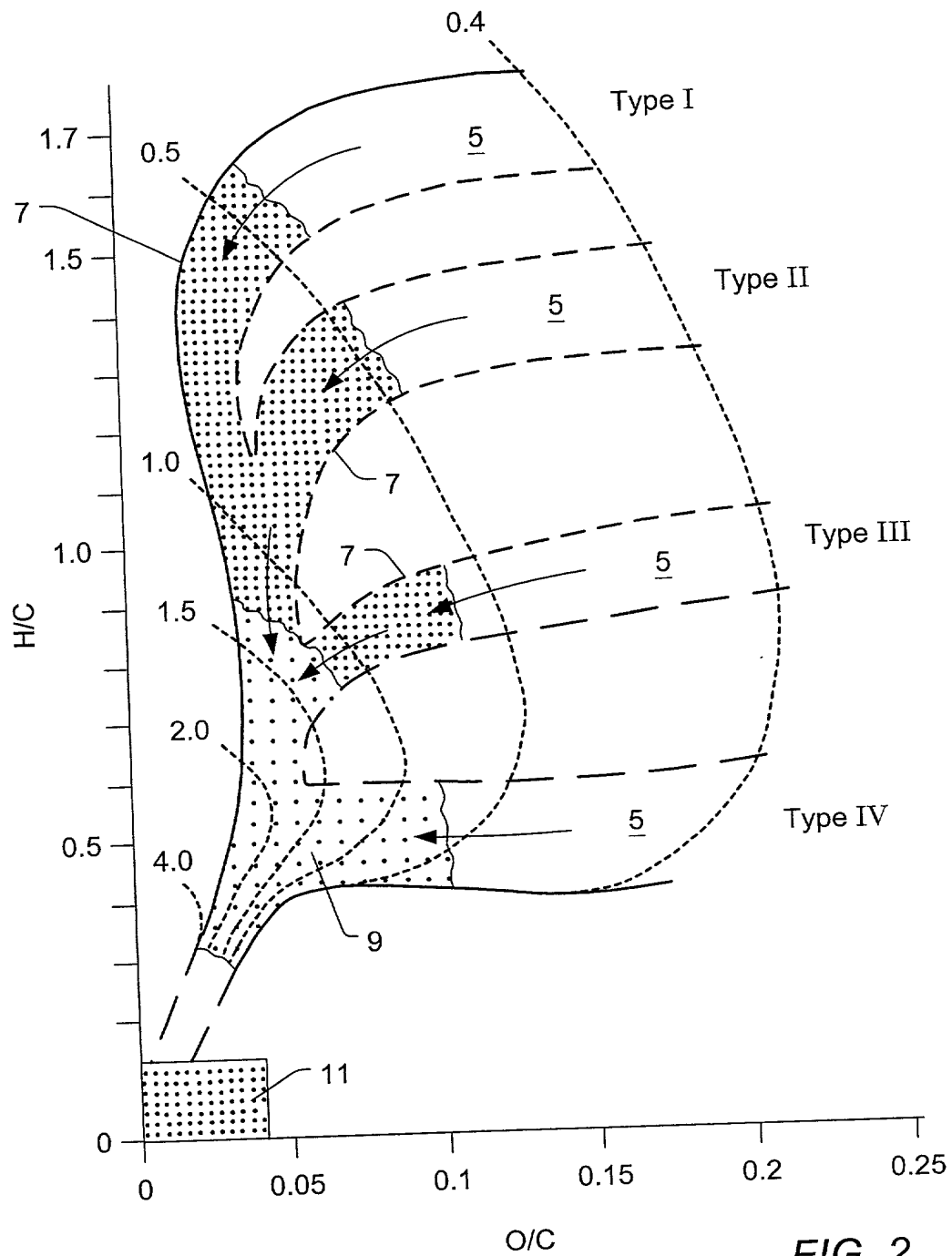
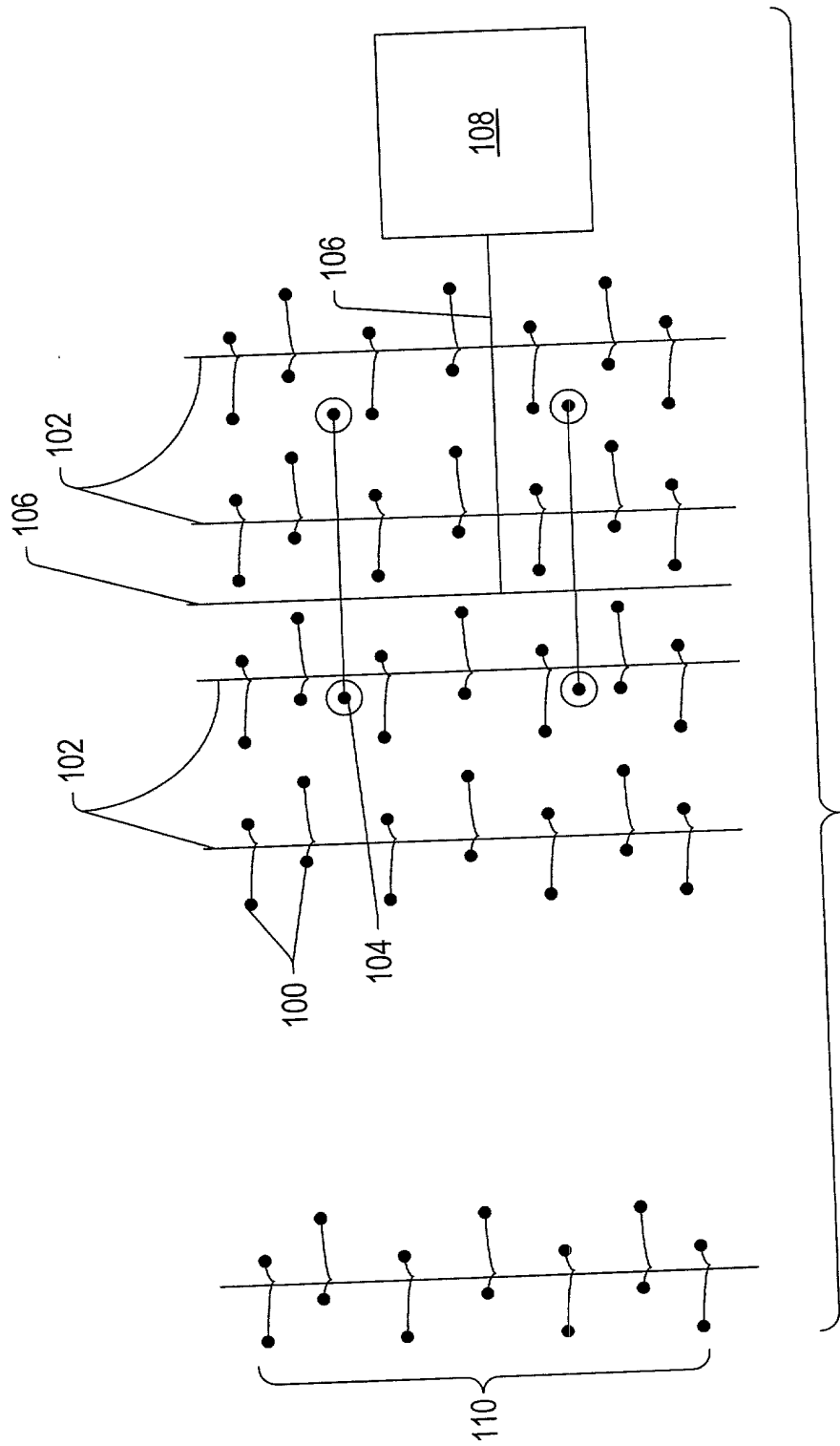


FIG. 2



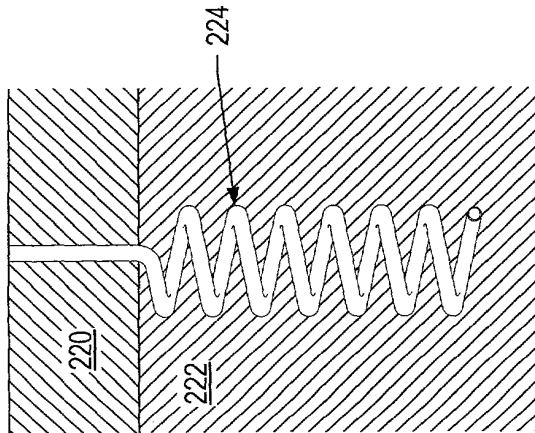


FIG. 3a

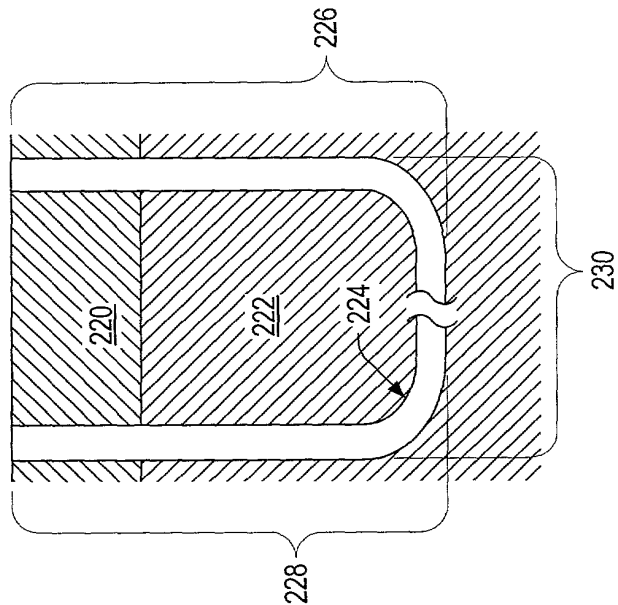


FIG. 3b

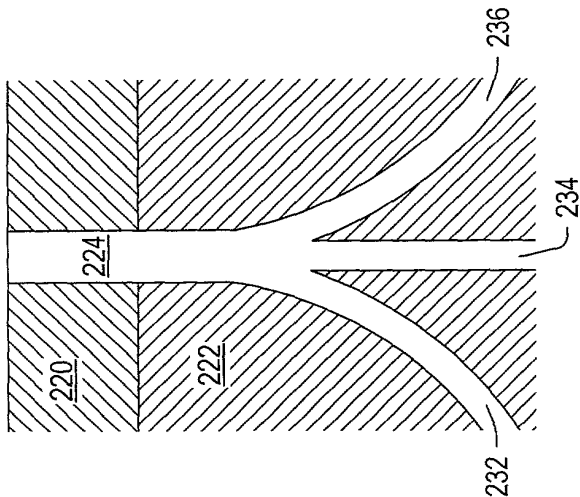


FIG. 3c

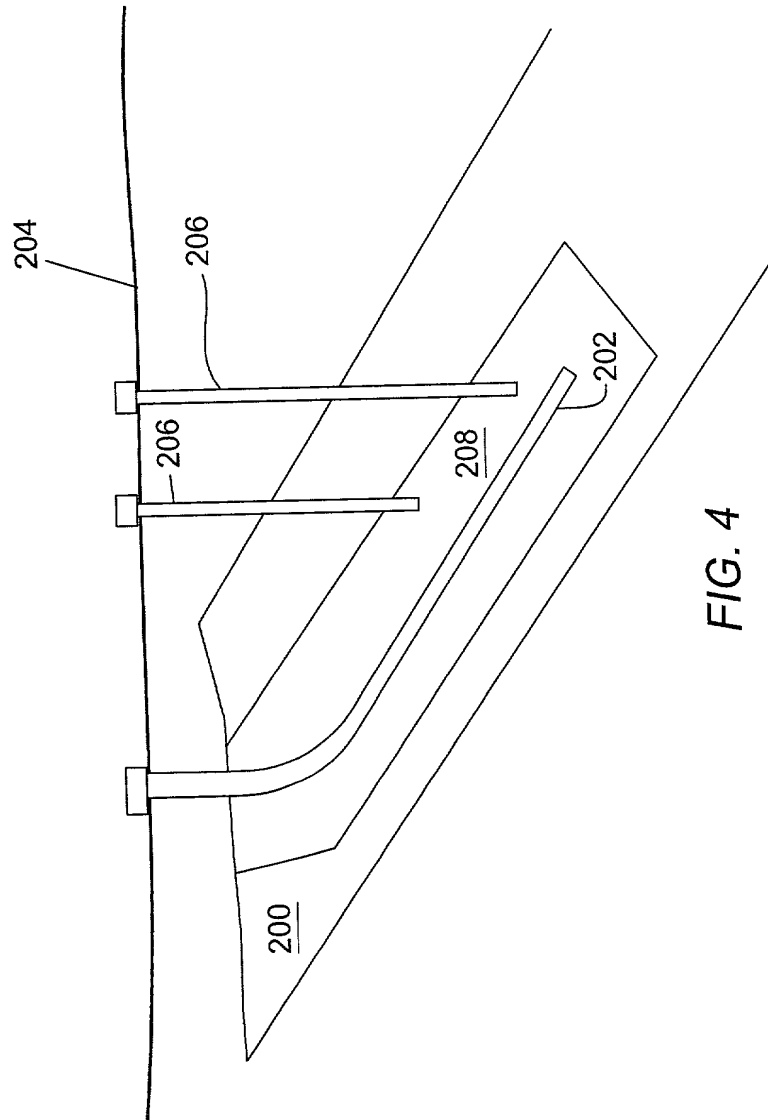
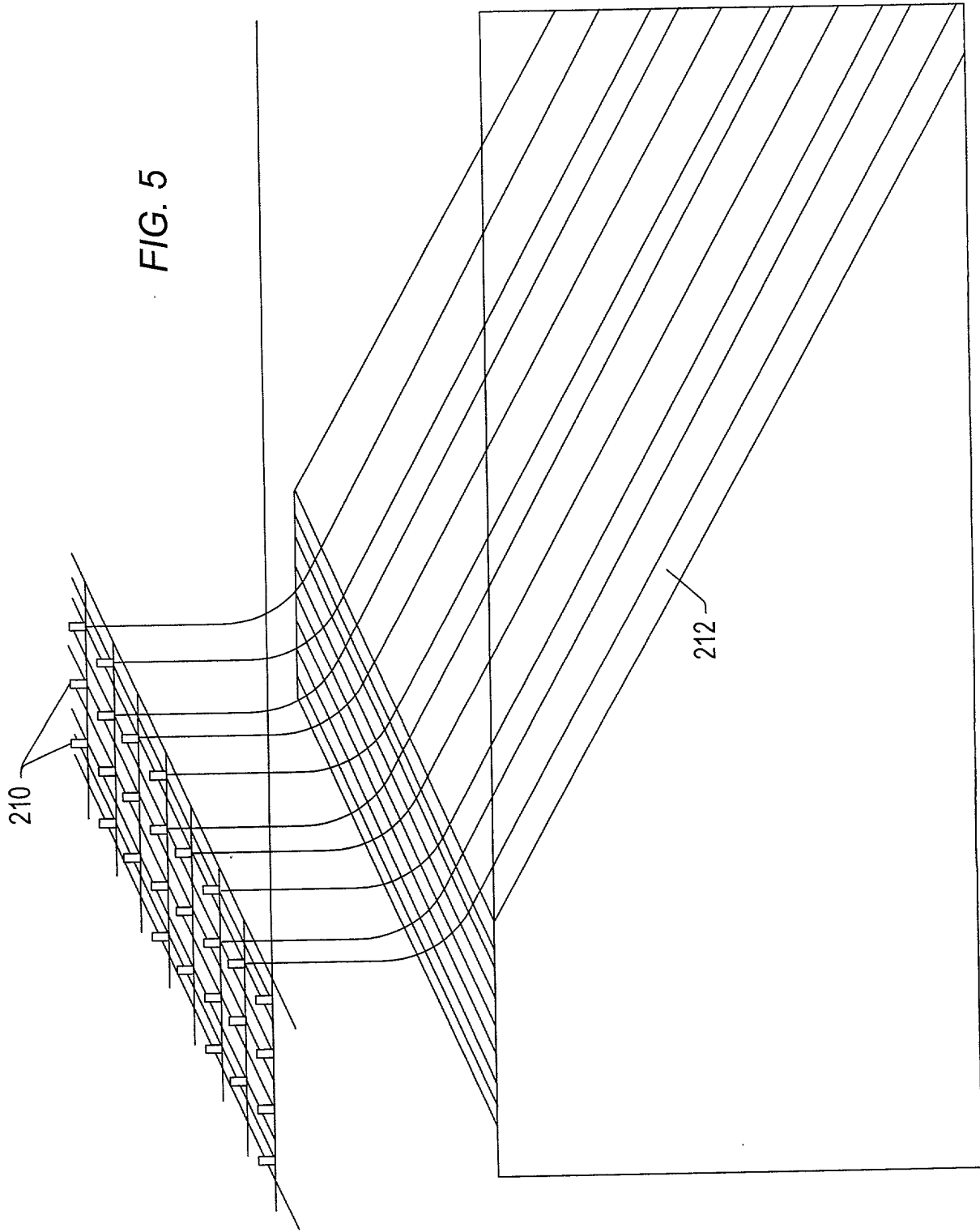


FIG. 4



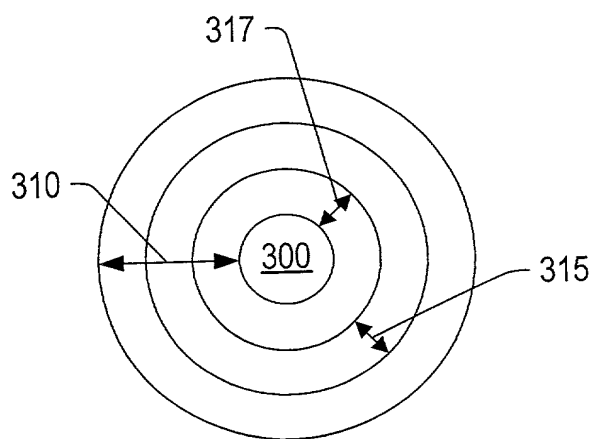


FIG. 6

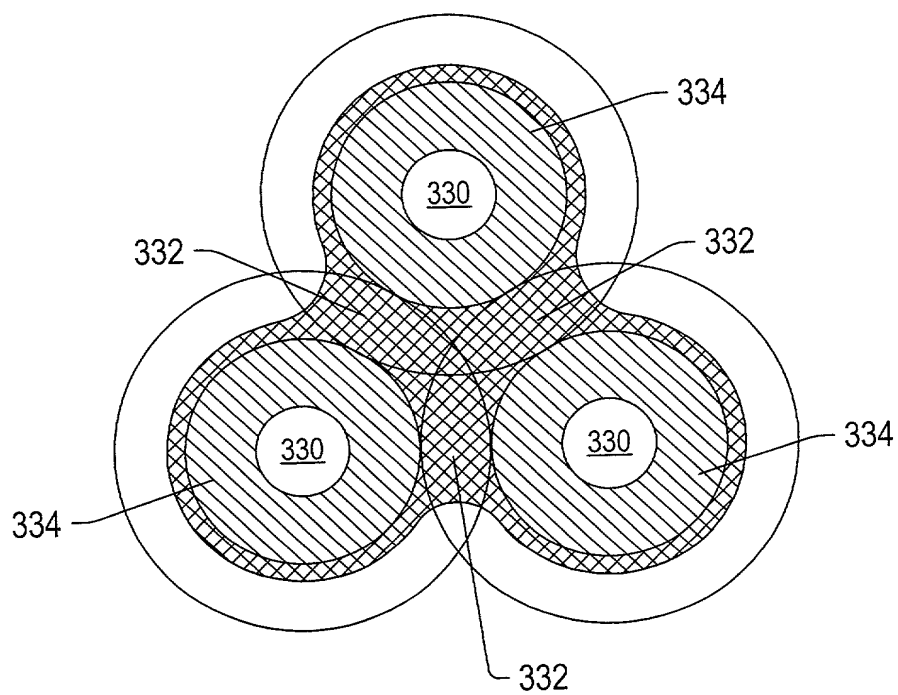
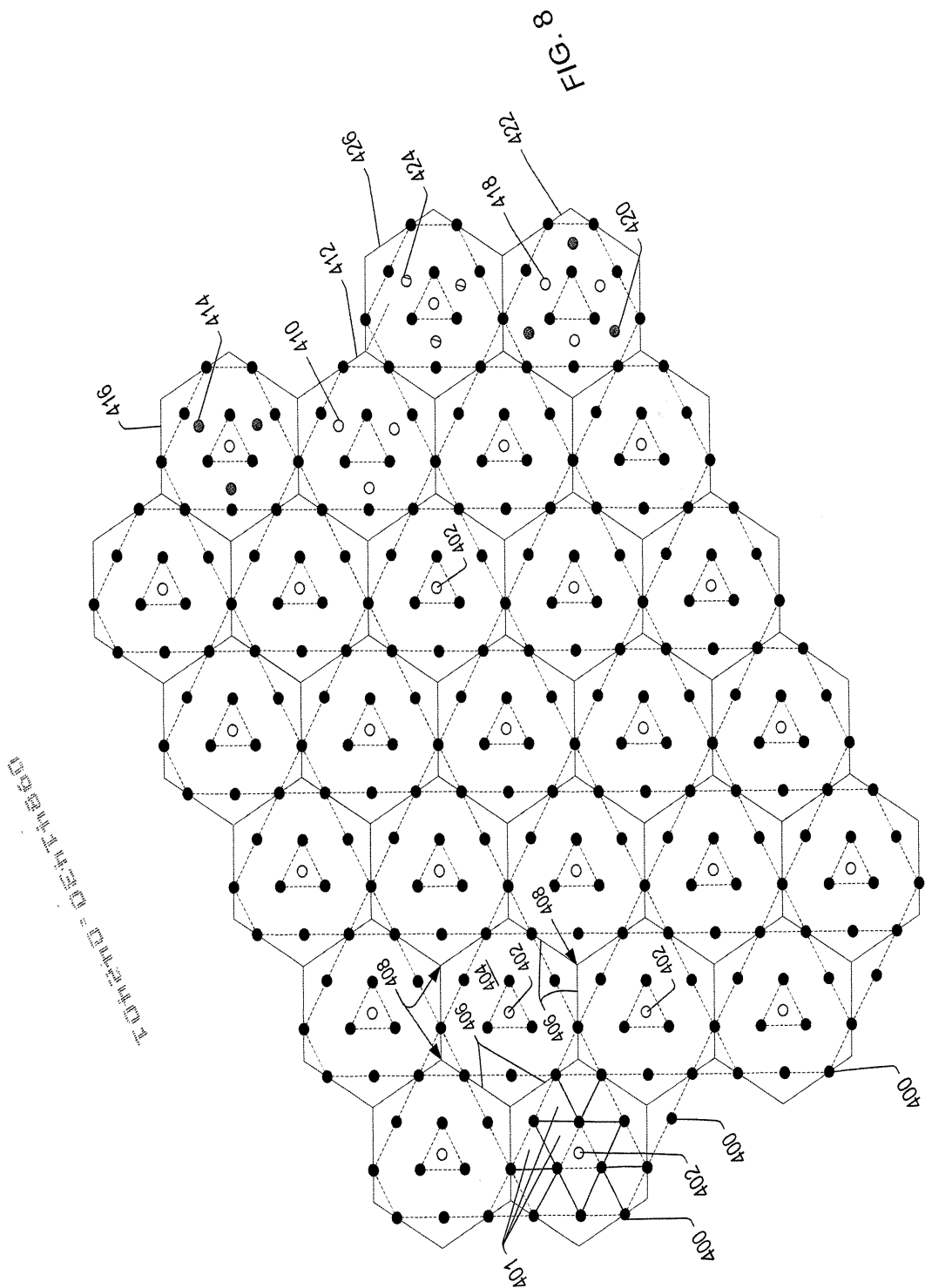


FIG. 7





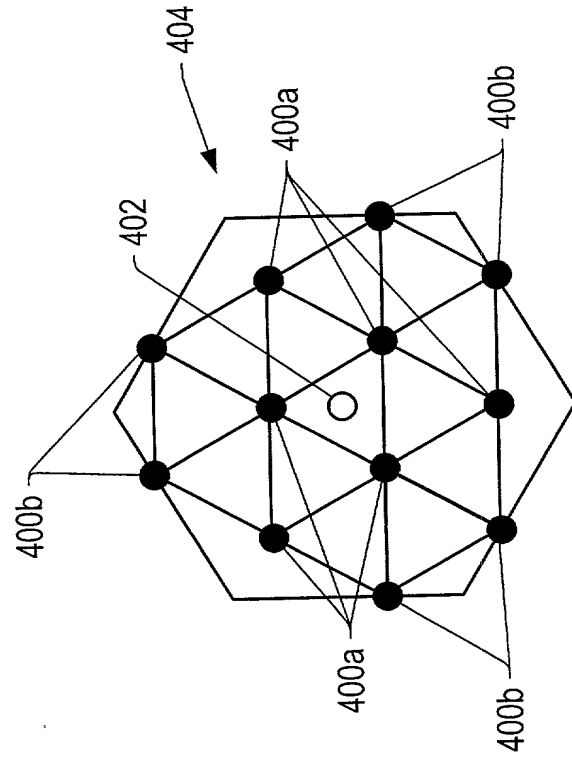


FIG. 9

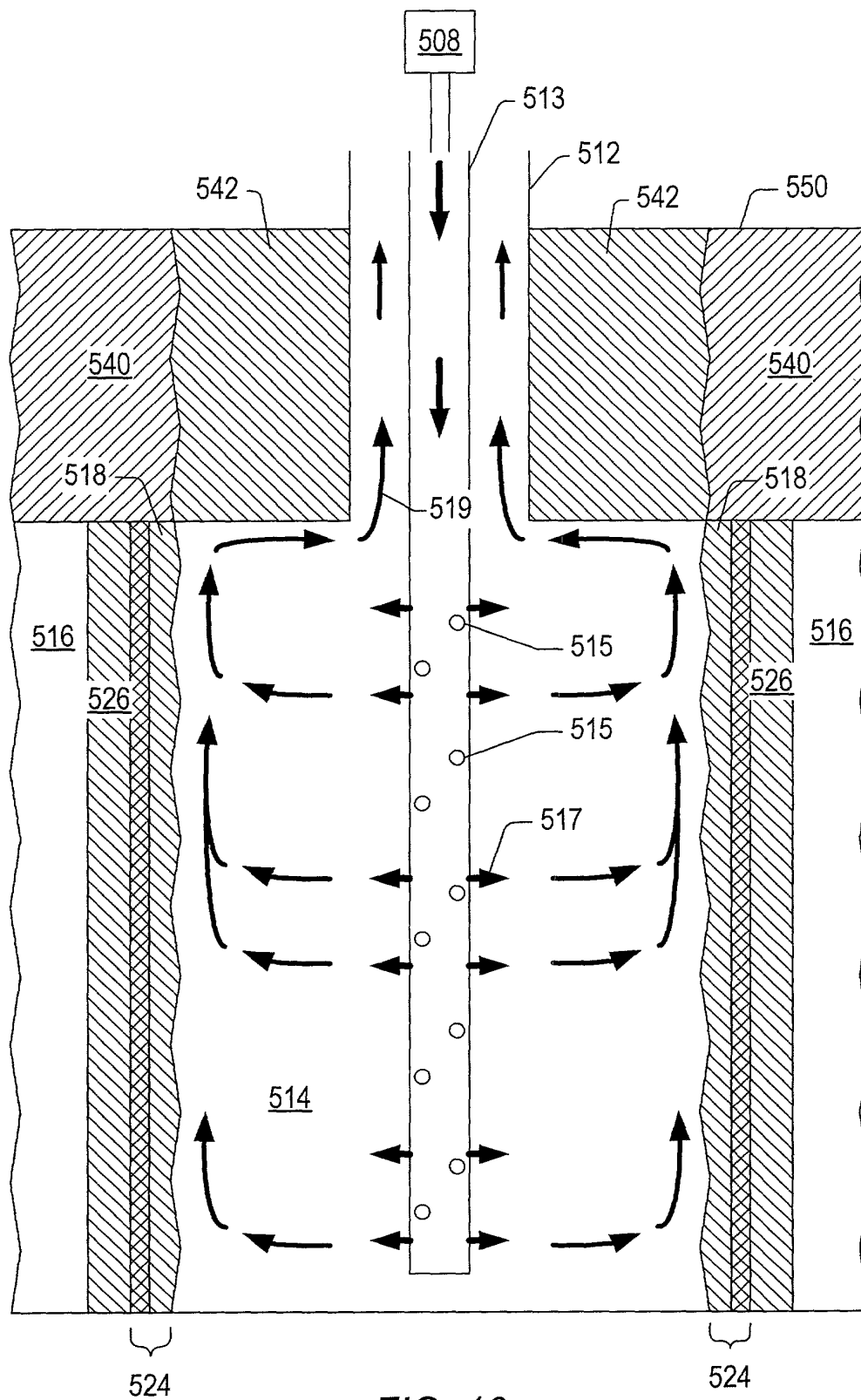


FIG. 10

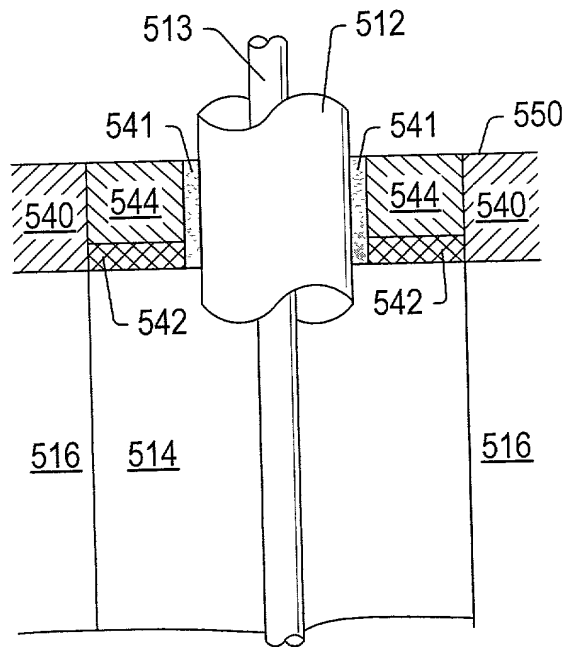


FIG. 11

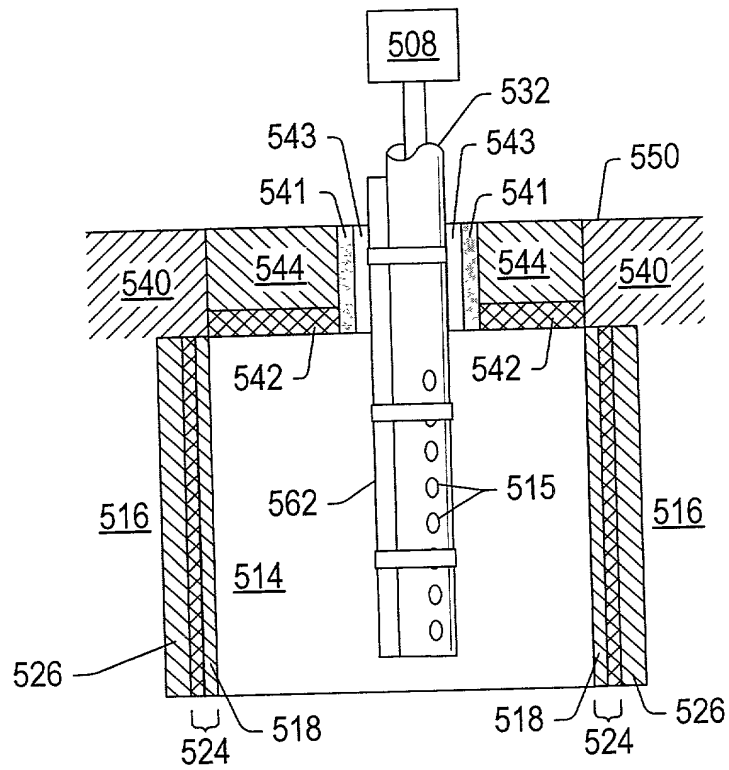


FIG. 12

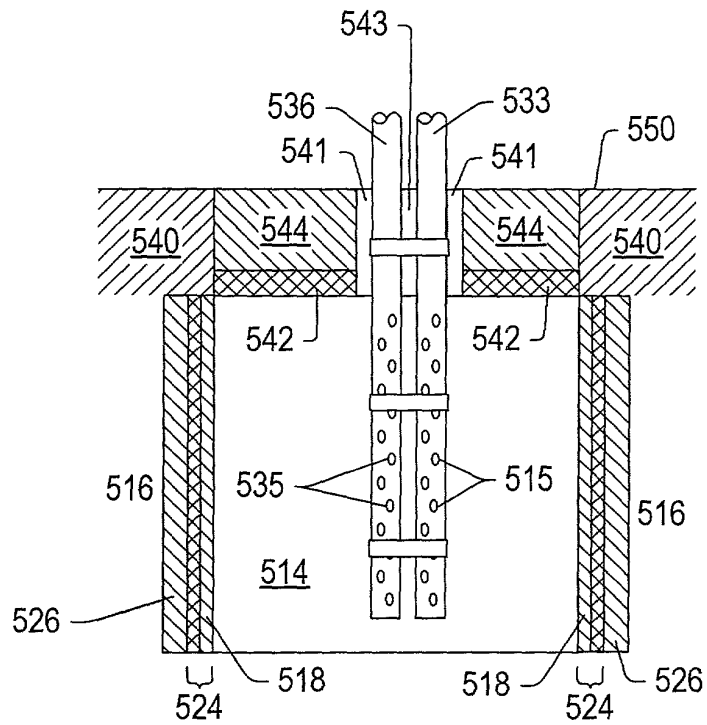


FIG. 13

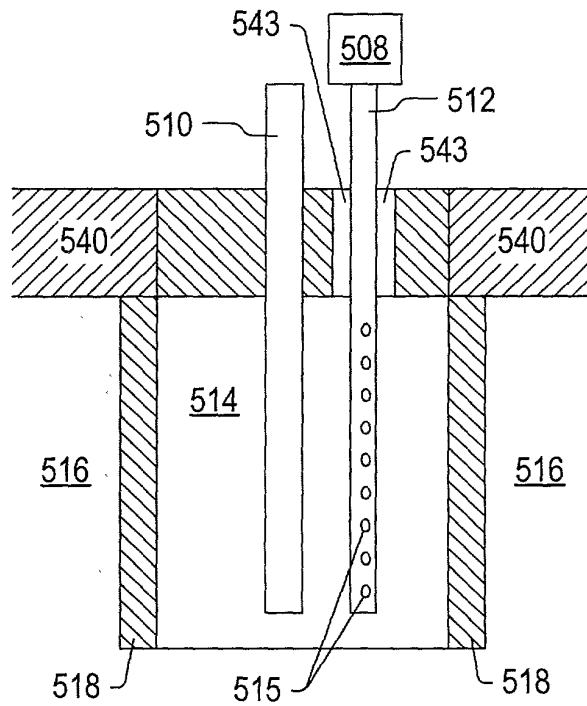


FIG. 14

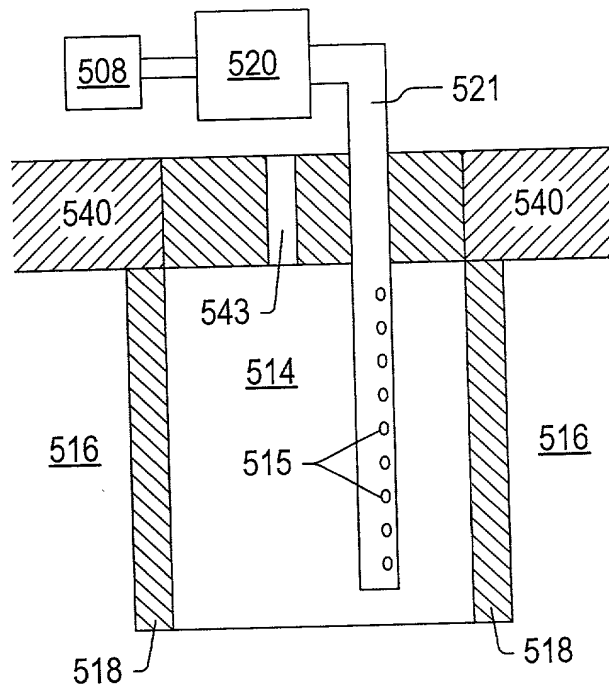


FIG. 15

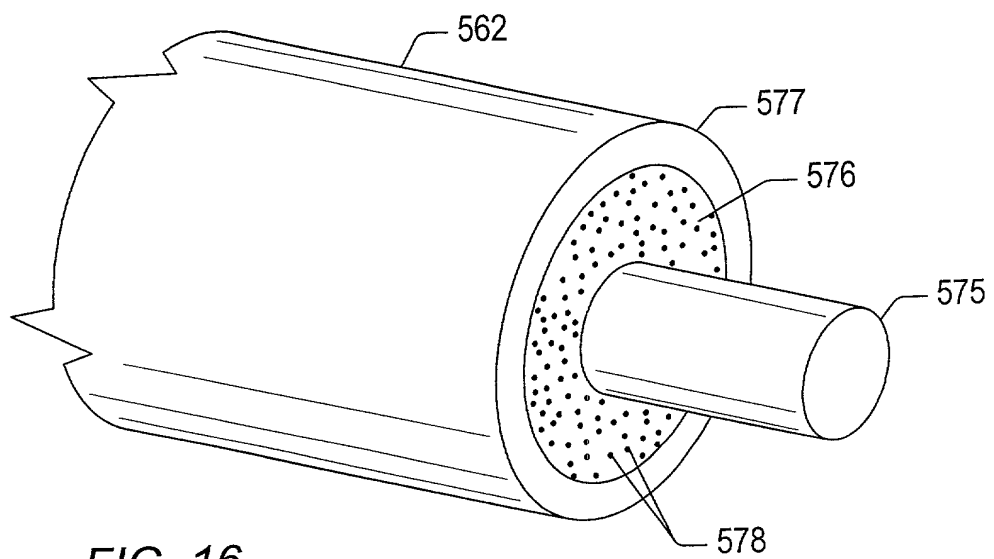


FIG. 16

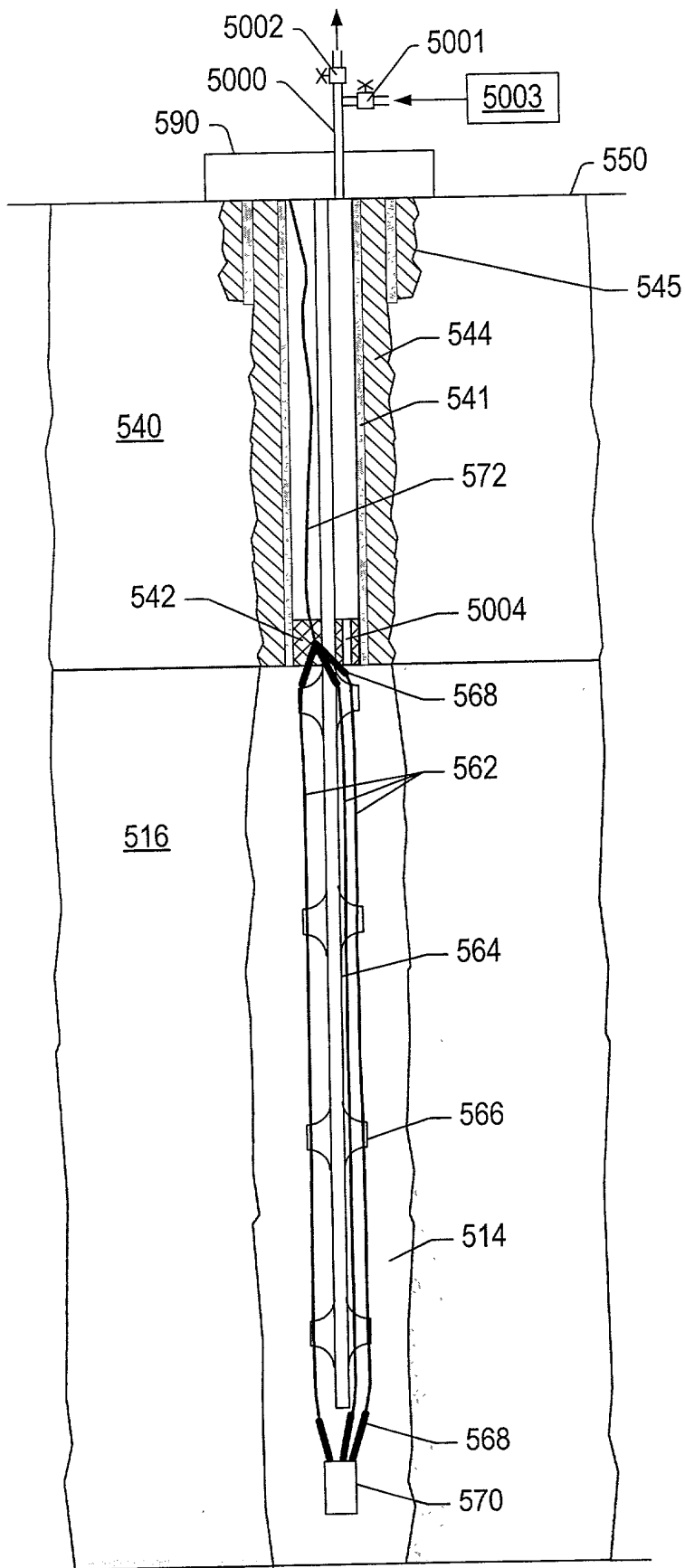


FIG. 17

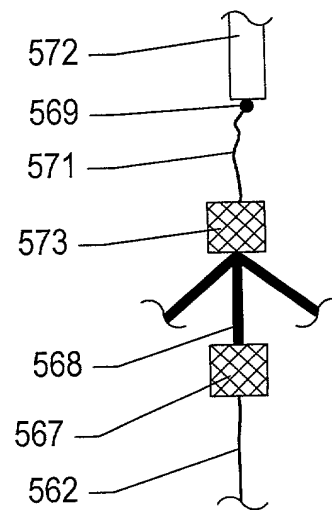


FIG. 17A

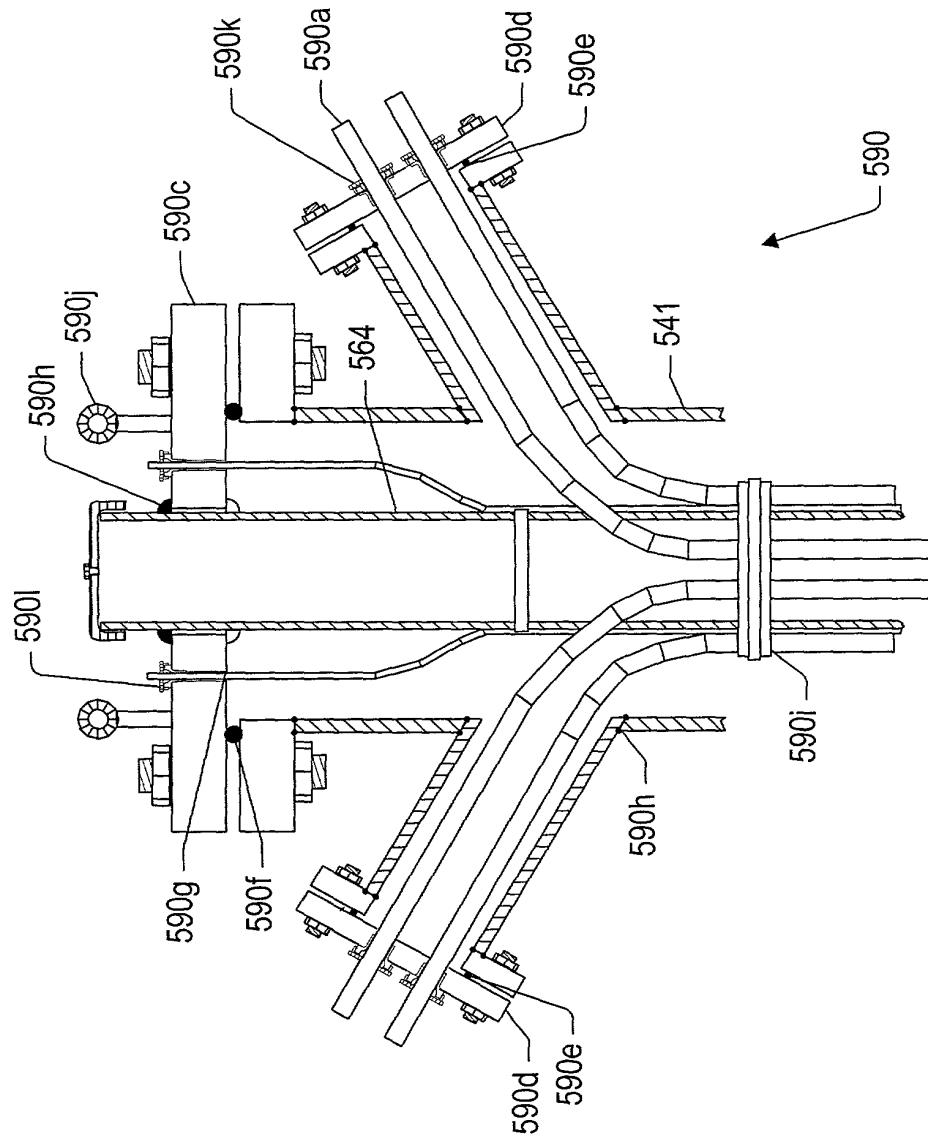


FIG. 18

FIG. 19



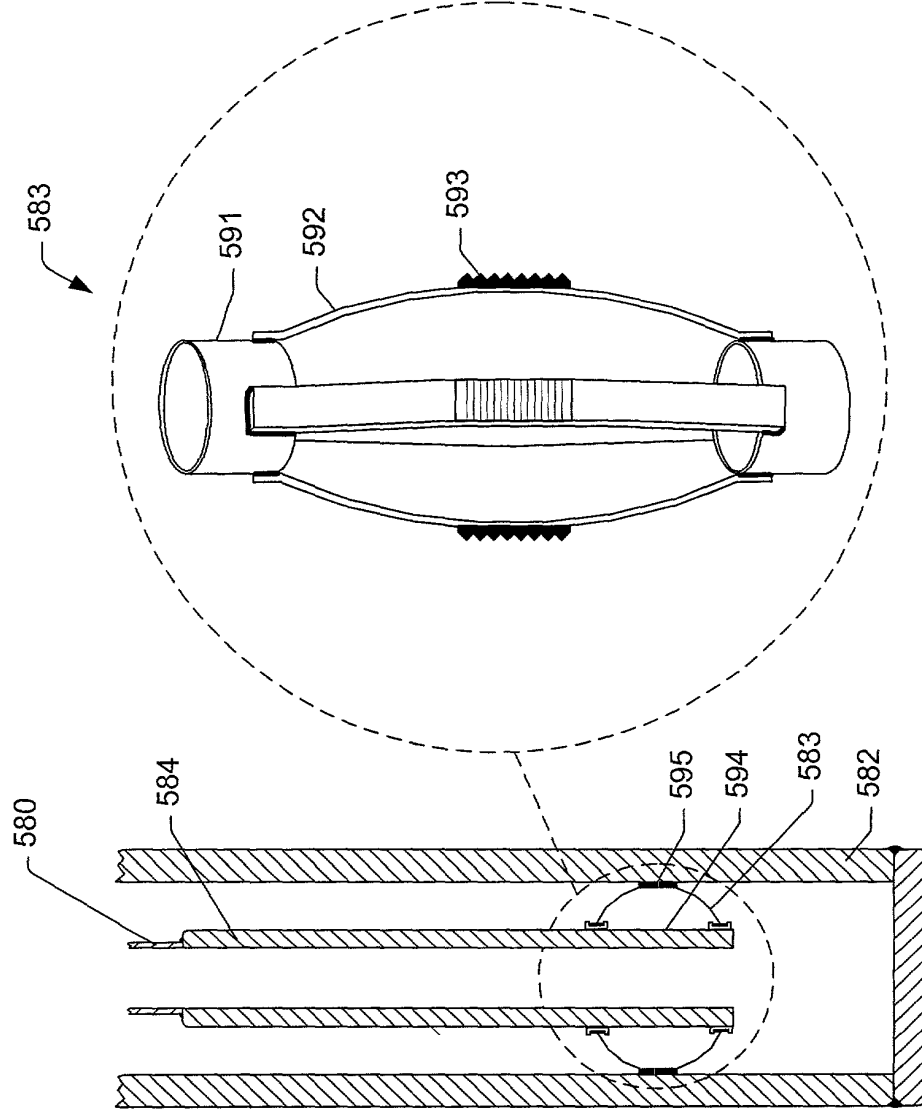


FIG. 20

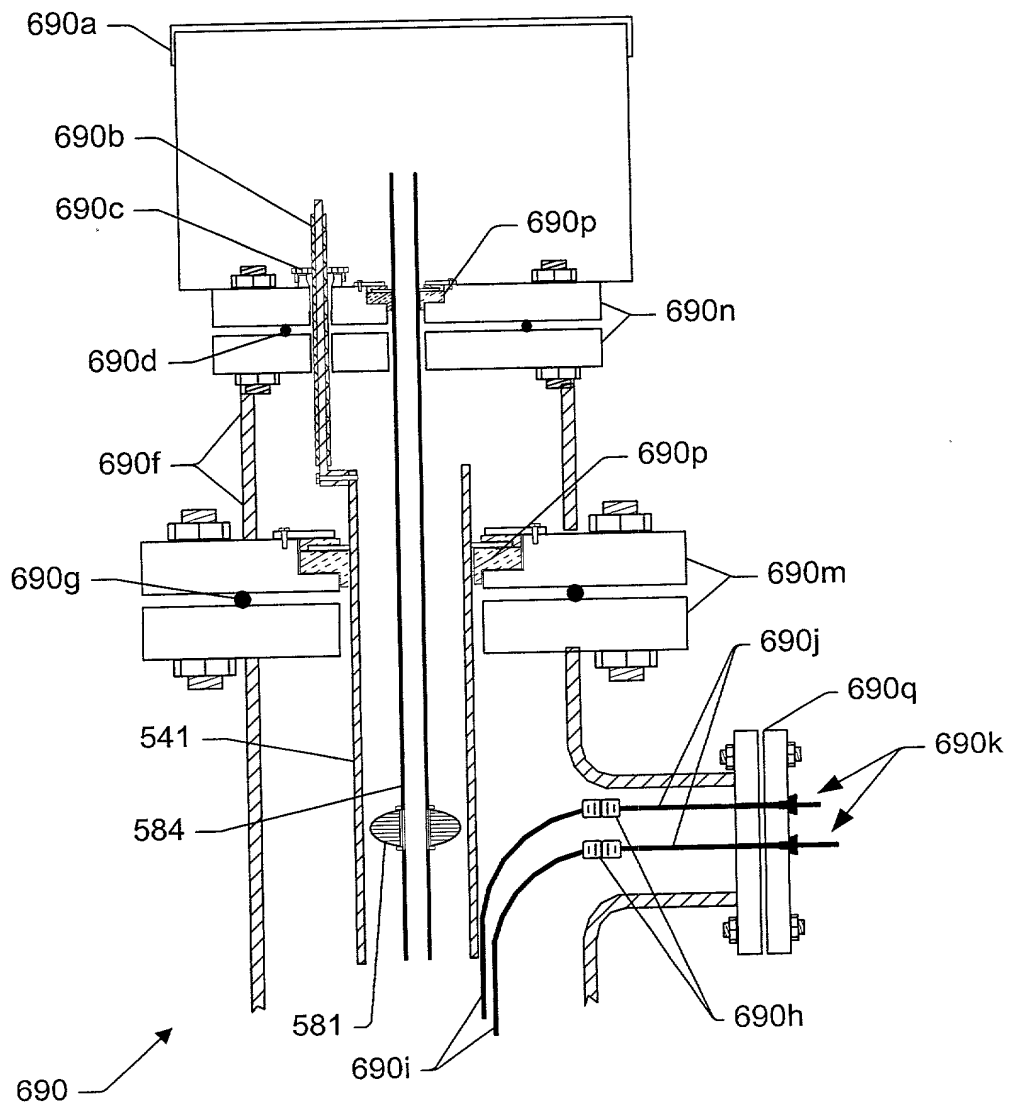


FIG. 21

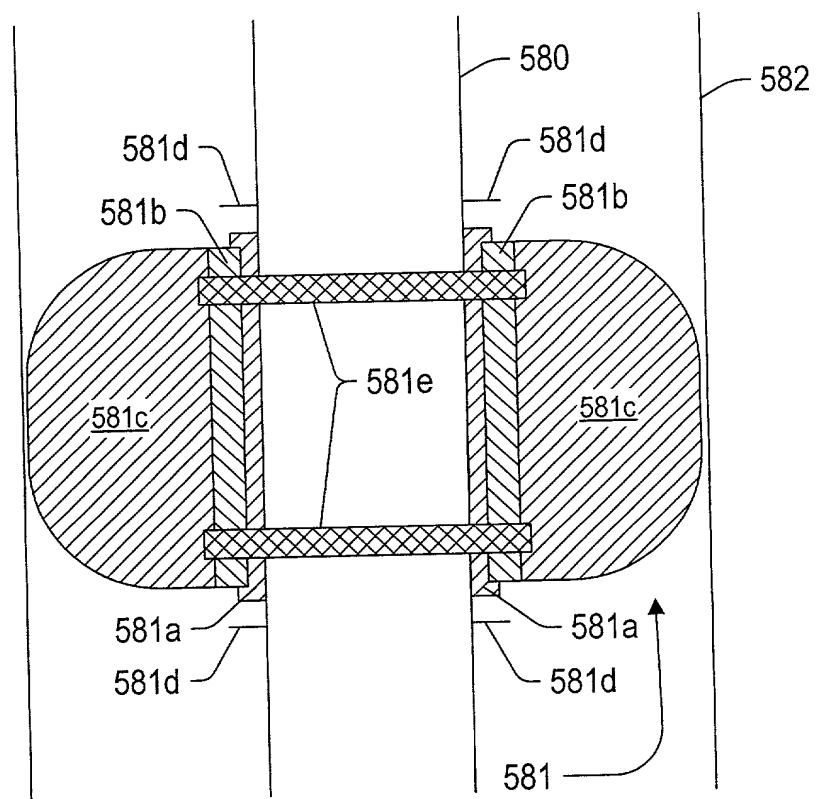


FIG. 22

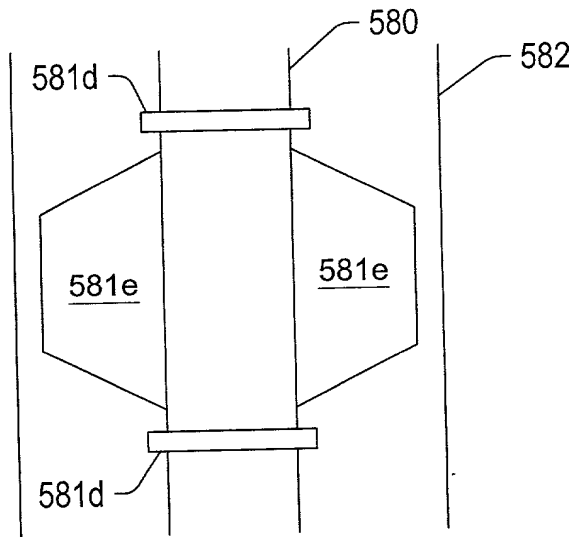


FIG. 23a

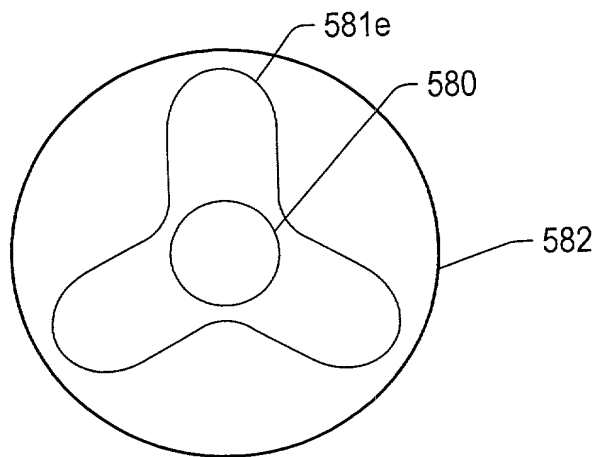


FIG. 23b

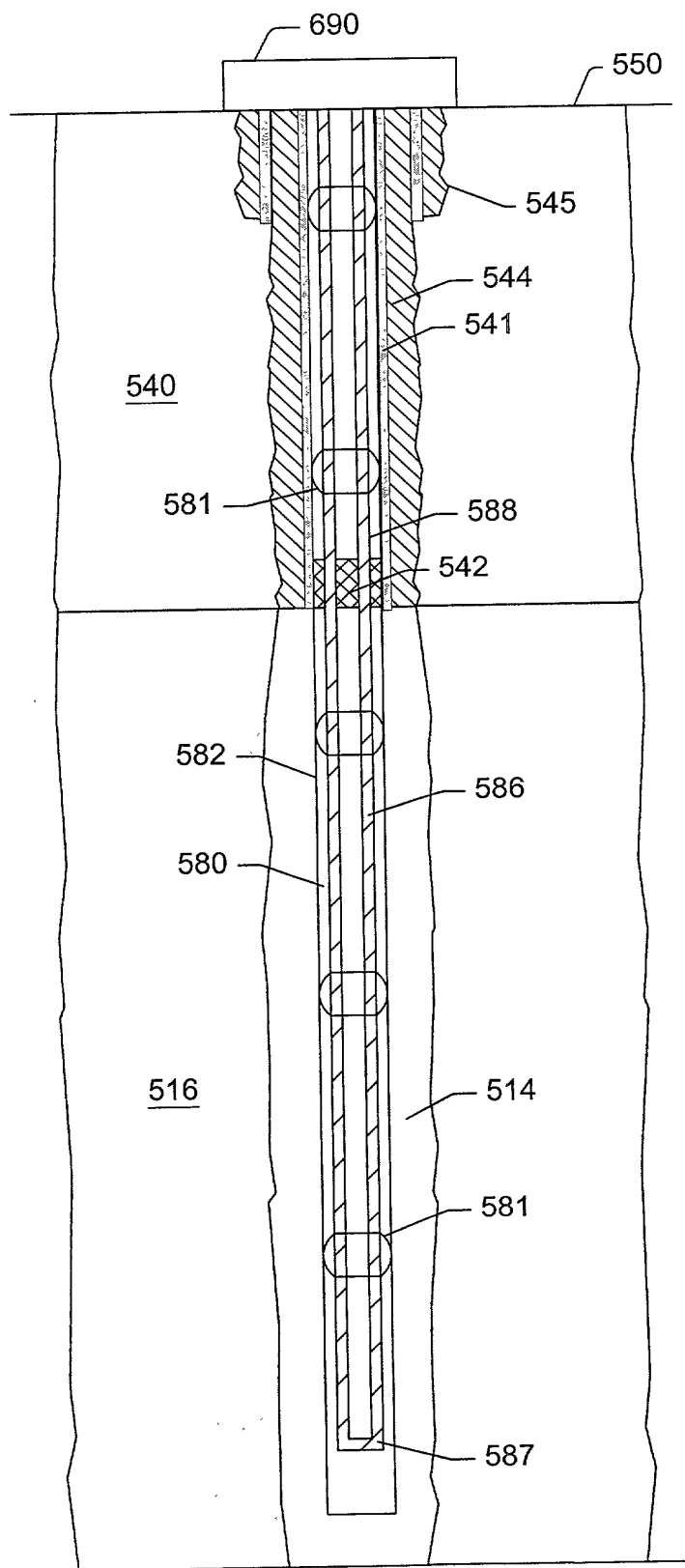


Fig. 24

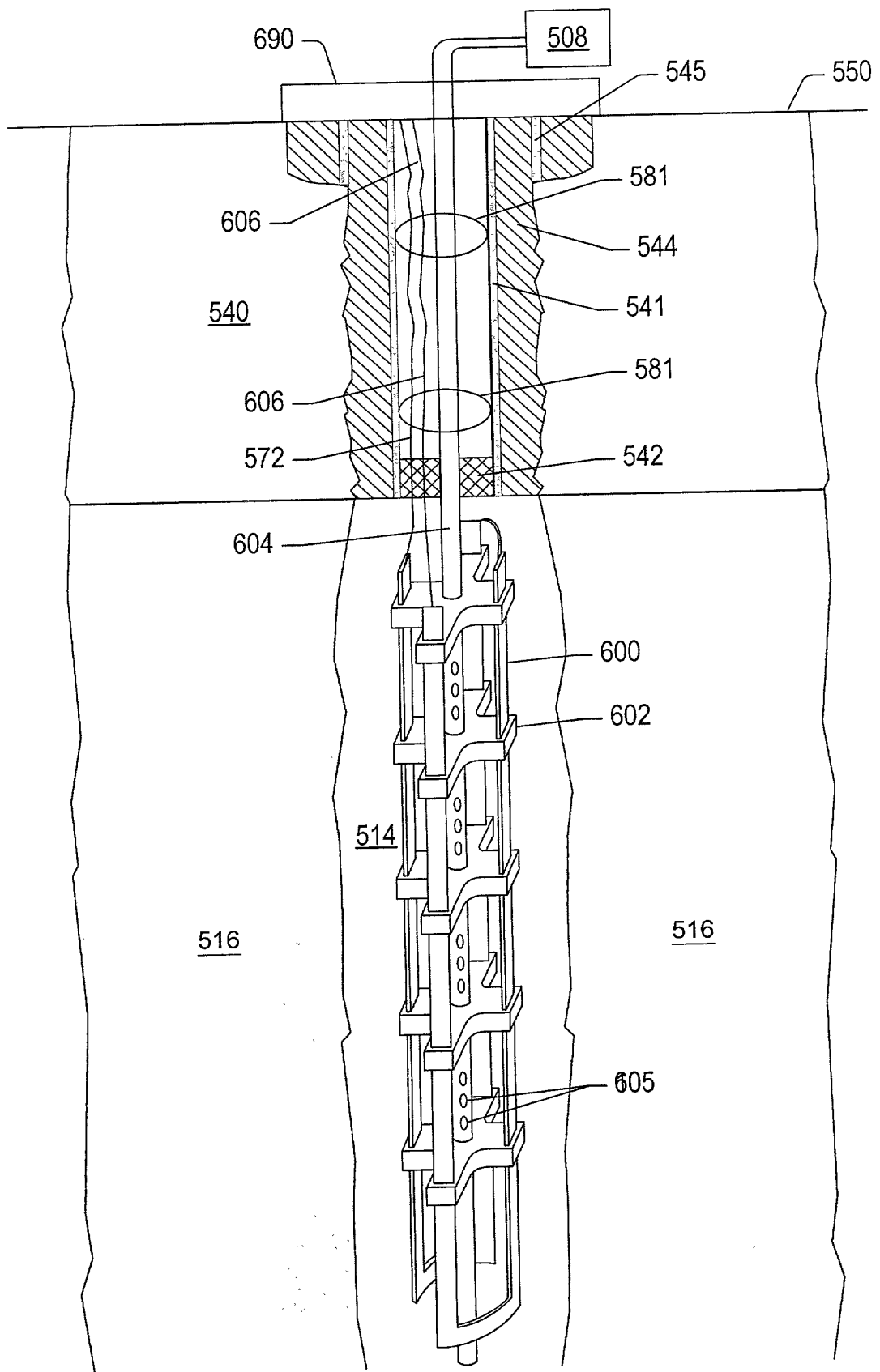


FIG. 25

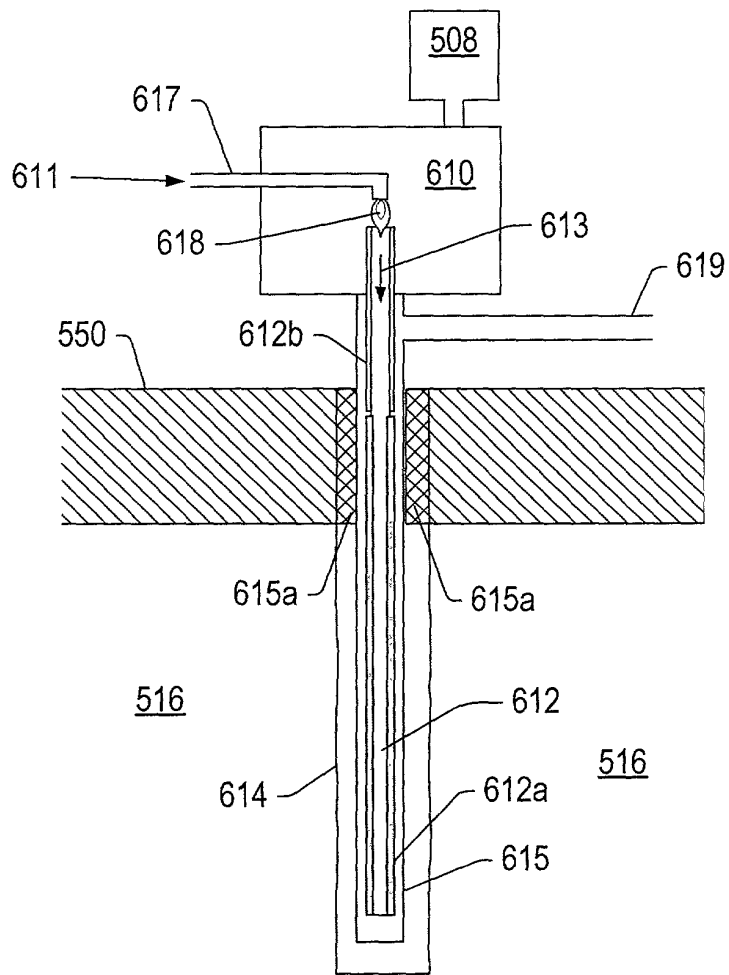


FIG. 26

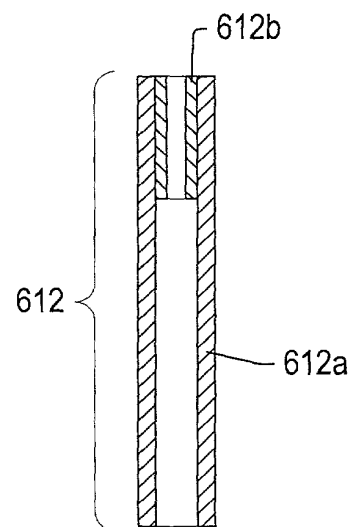


FIG. 27

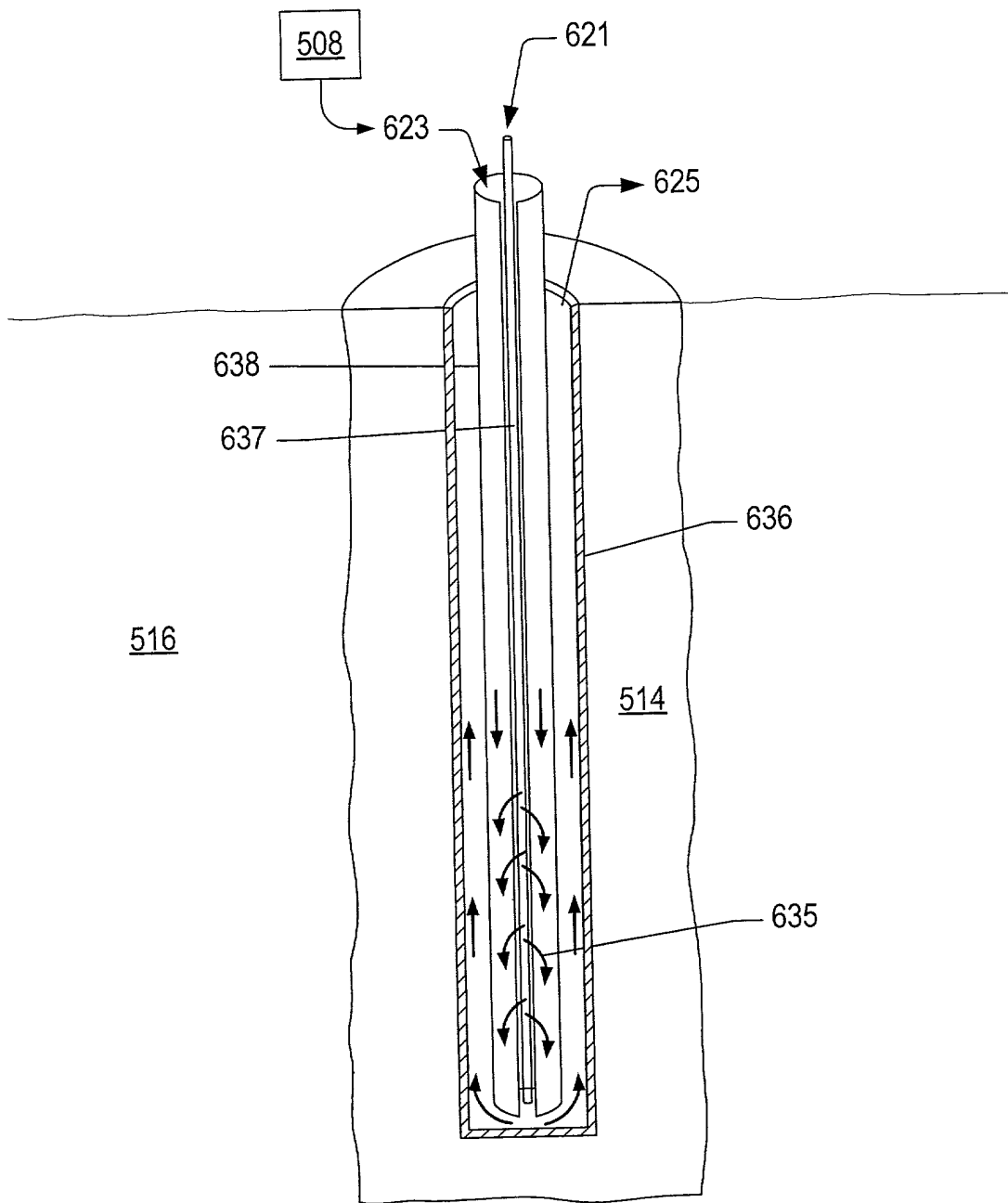


FIG. 28



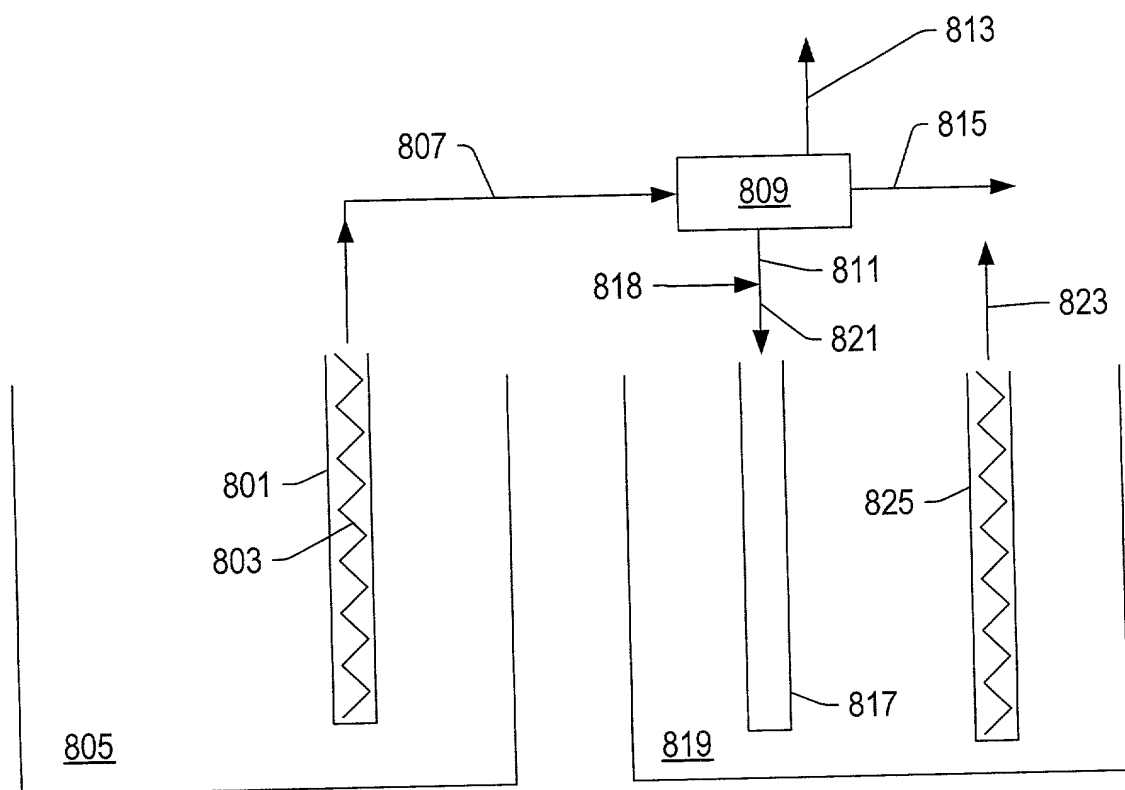


FIG. 29

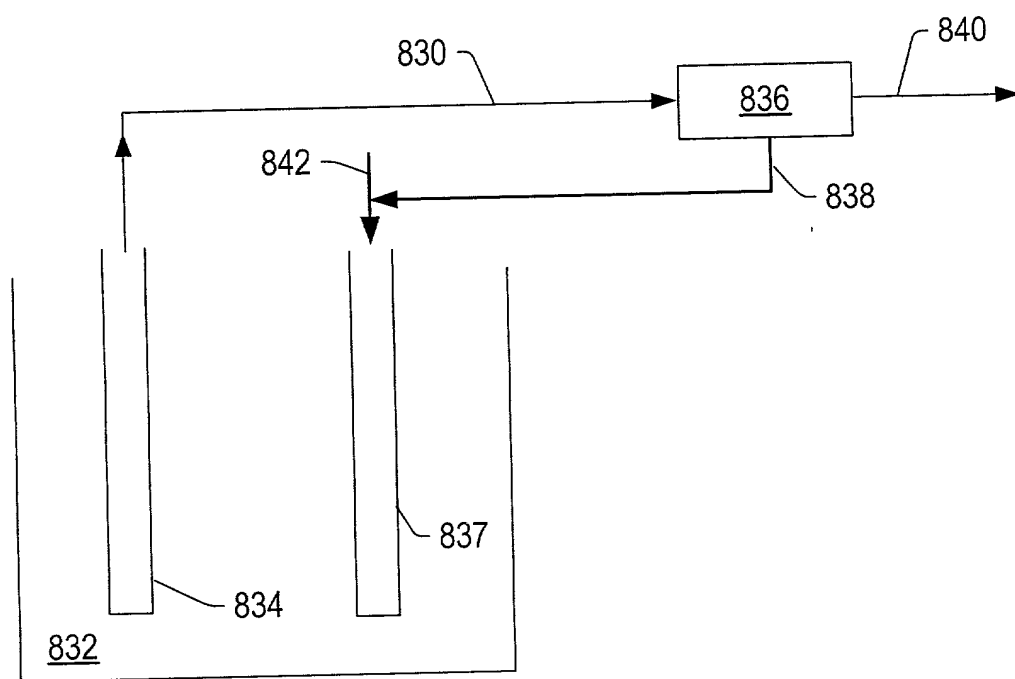


FIG. 30

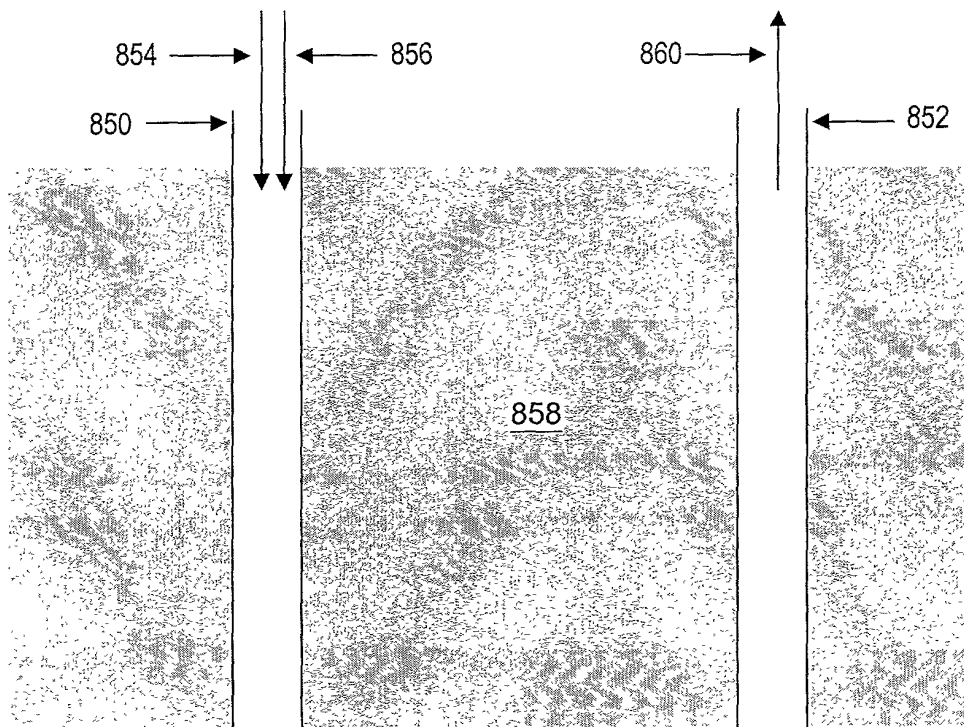


FIG. 31

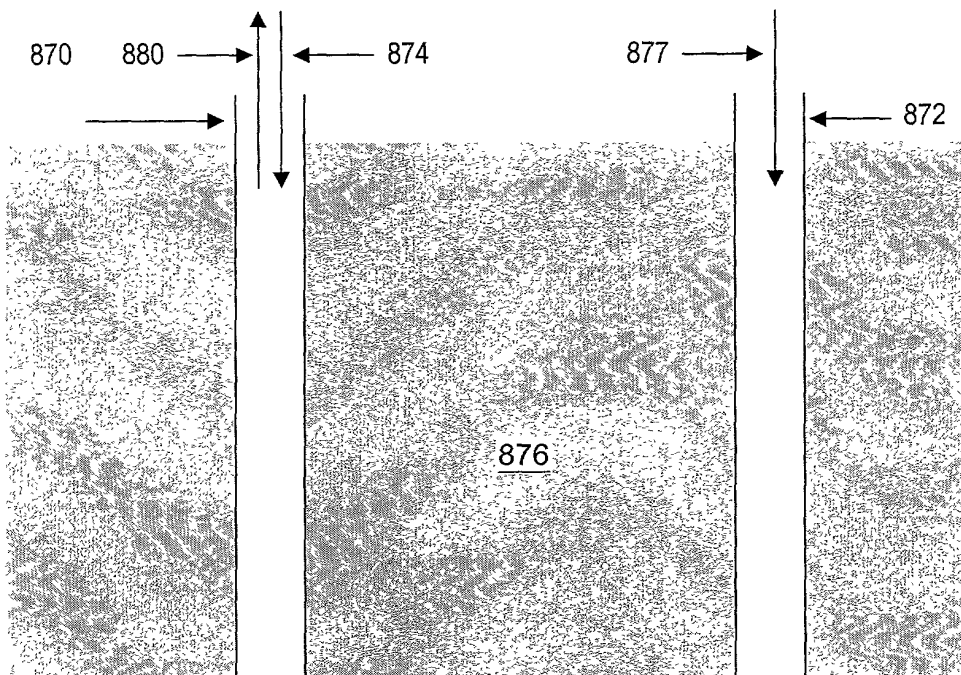
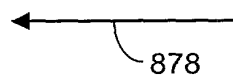


FIG. 32





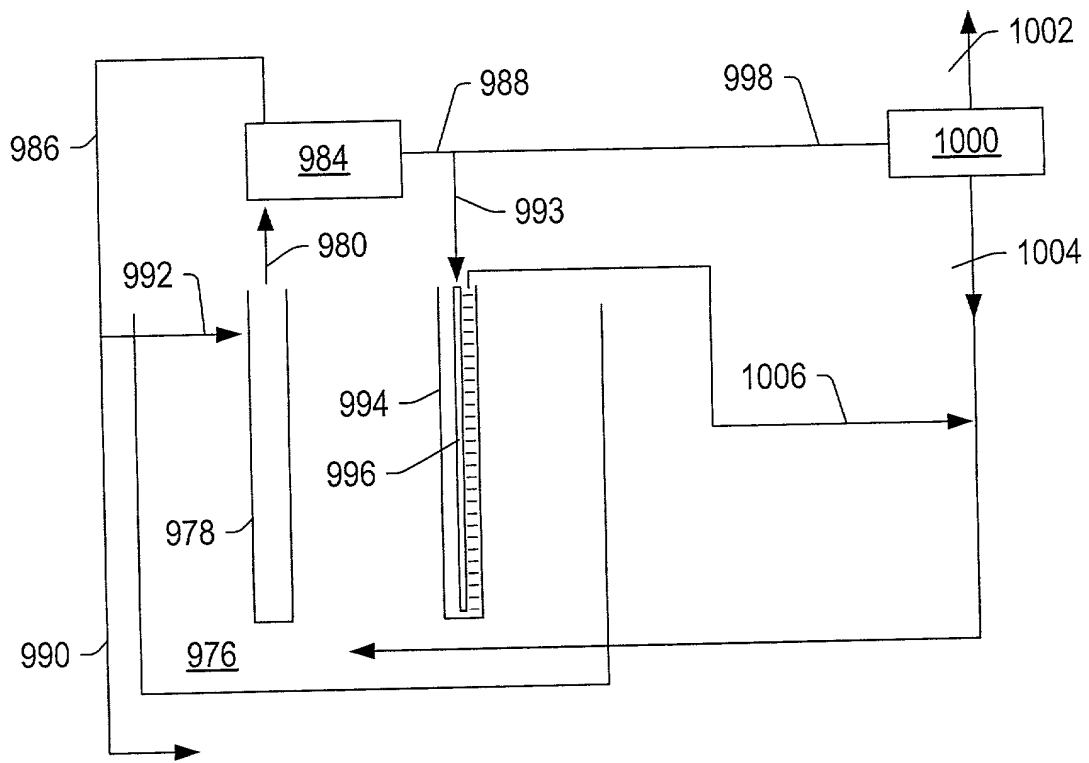


FIG. 35

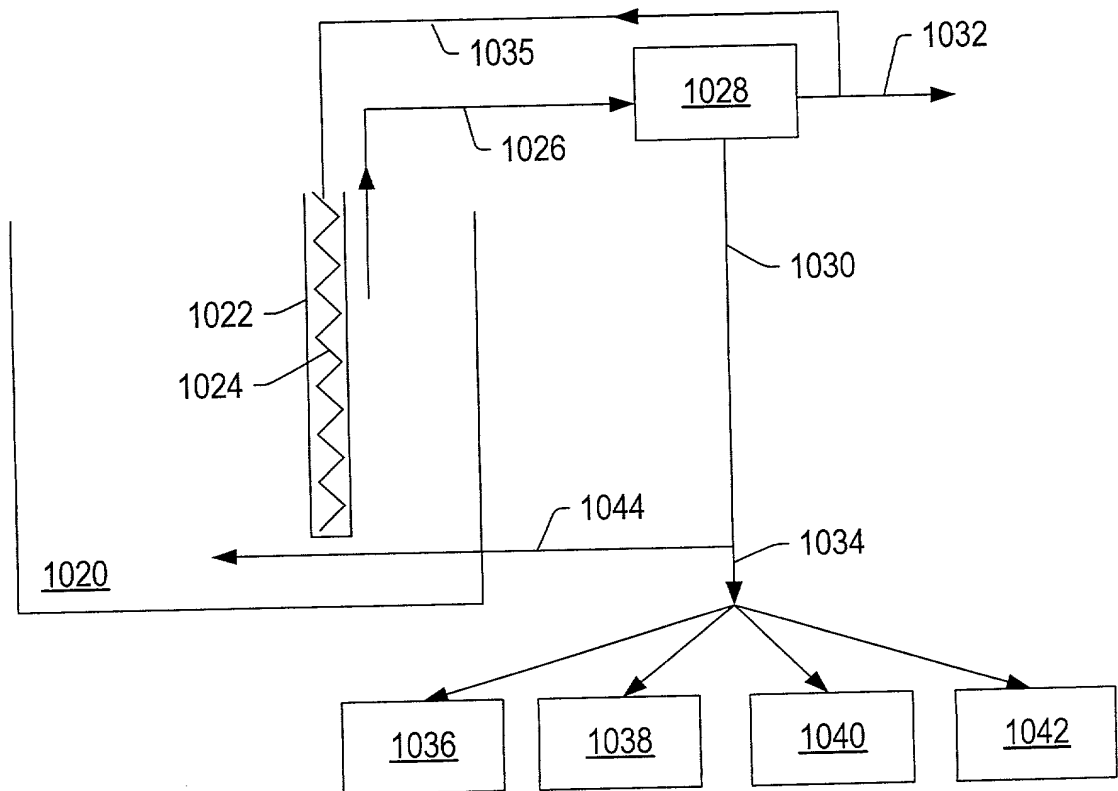


FIG. 36

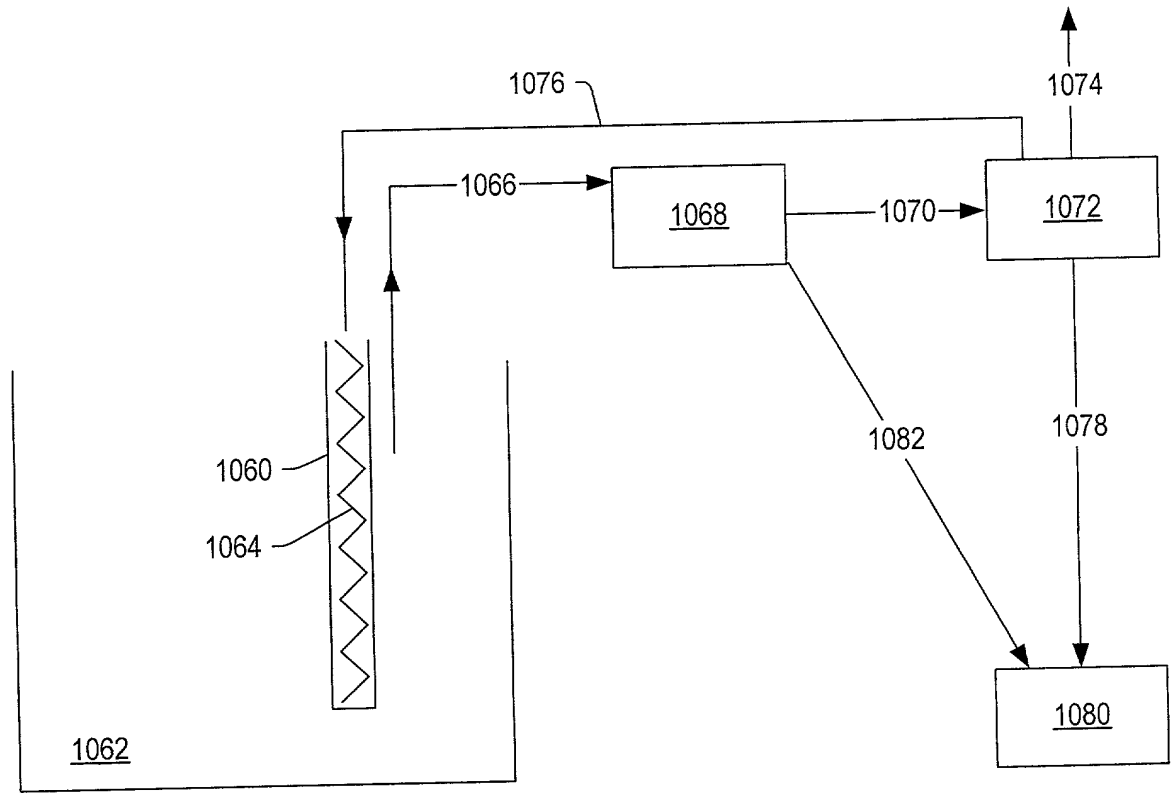


FIG. 37

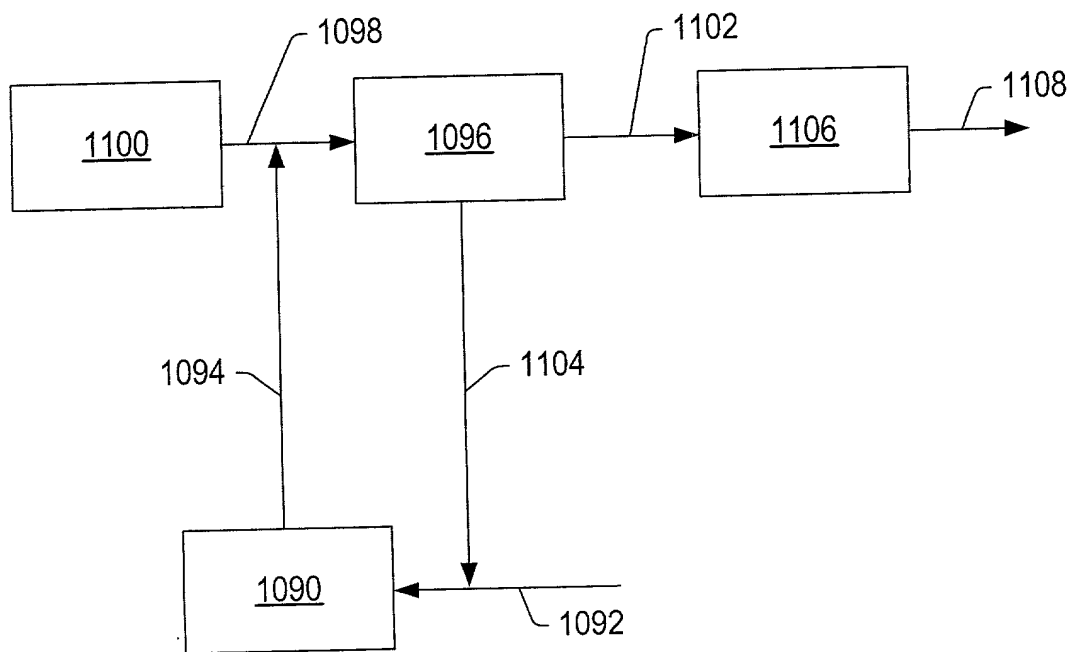


FIG. 38

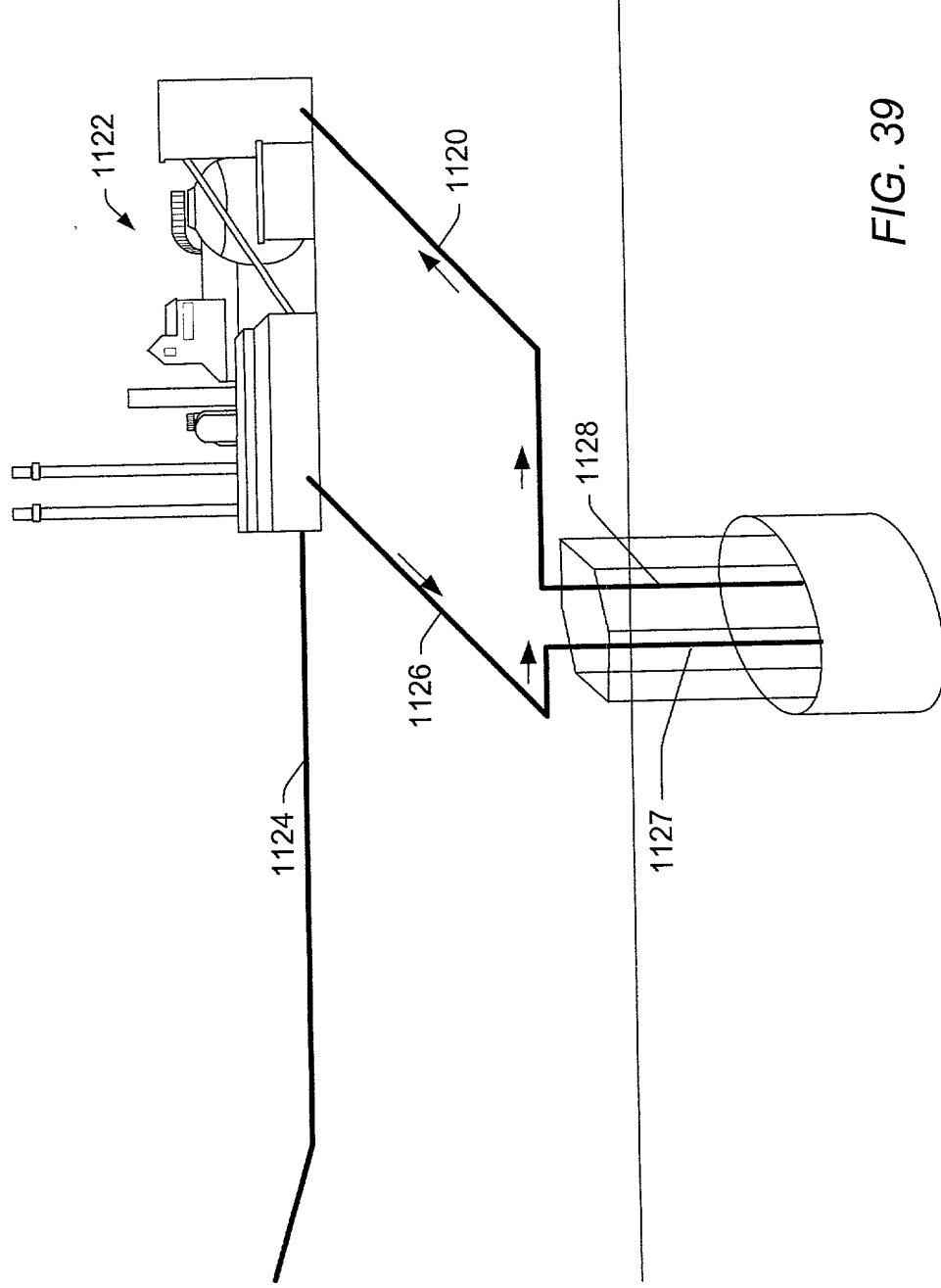


FIG. 39

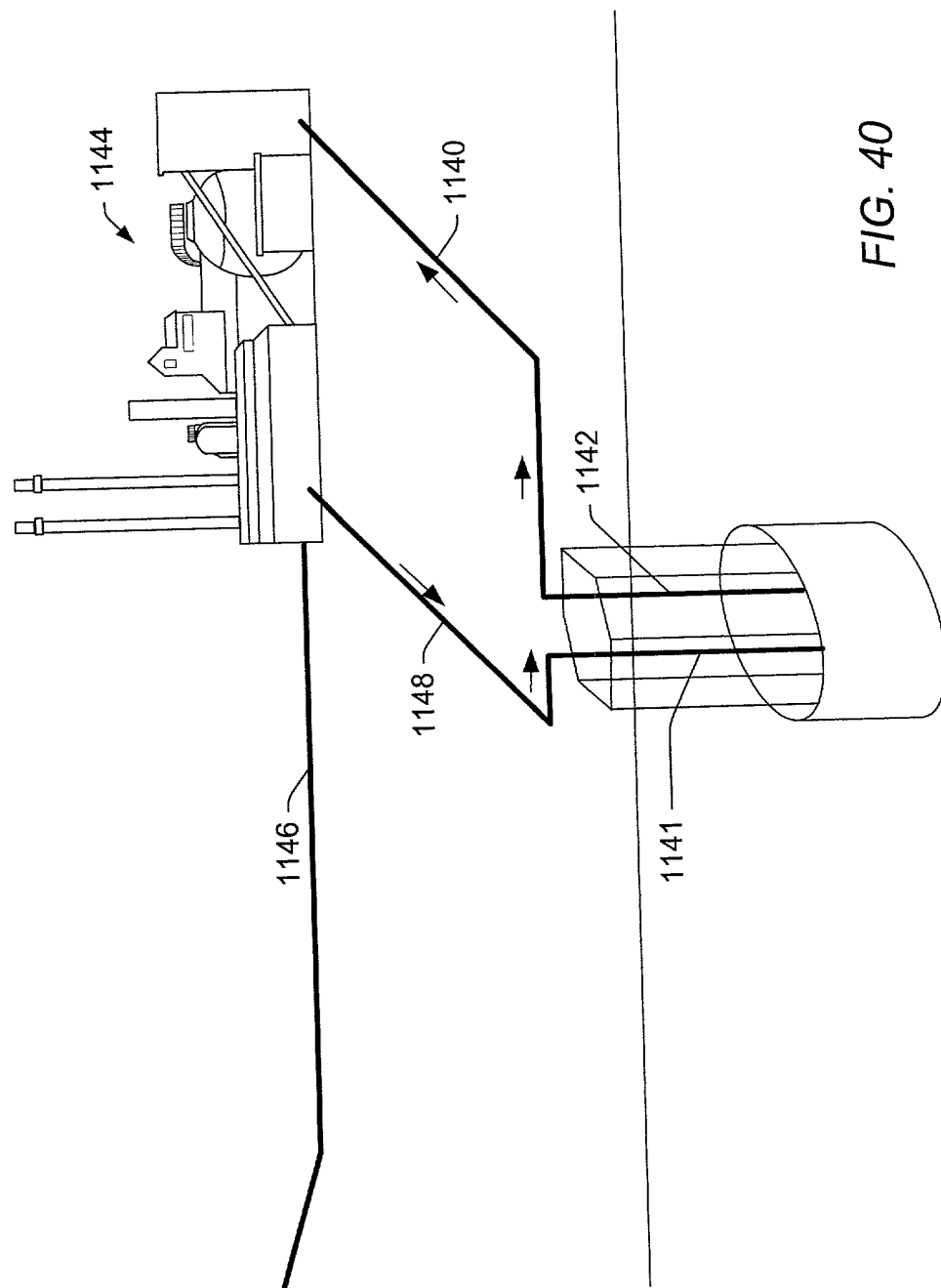


FIG. 40

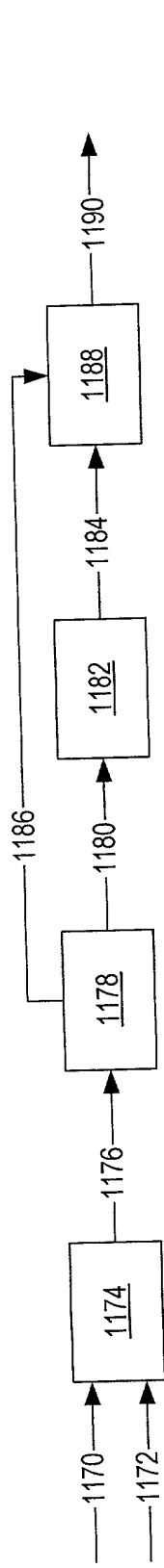


FIG. 41

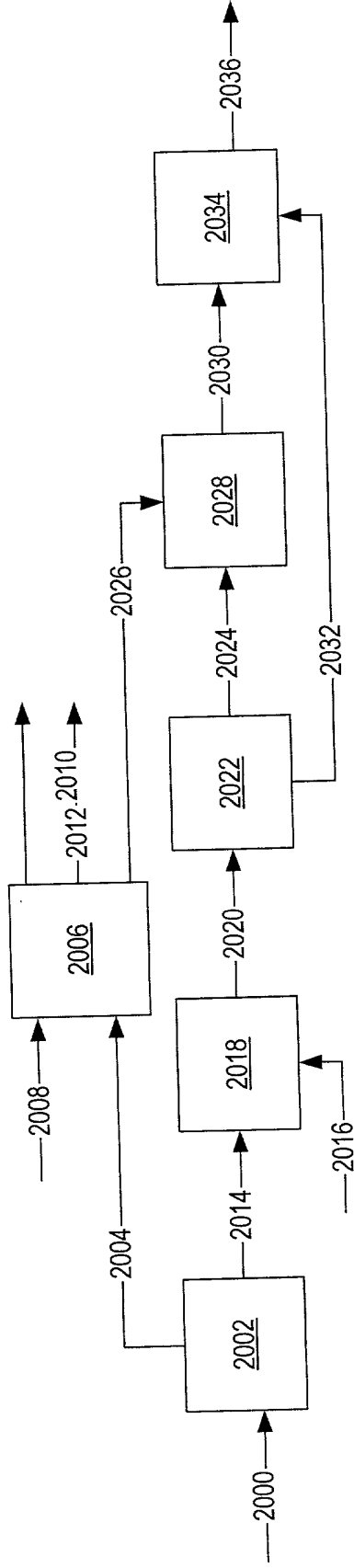


FIG. 42

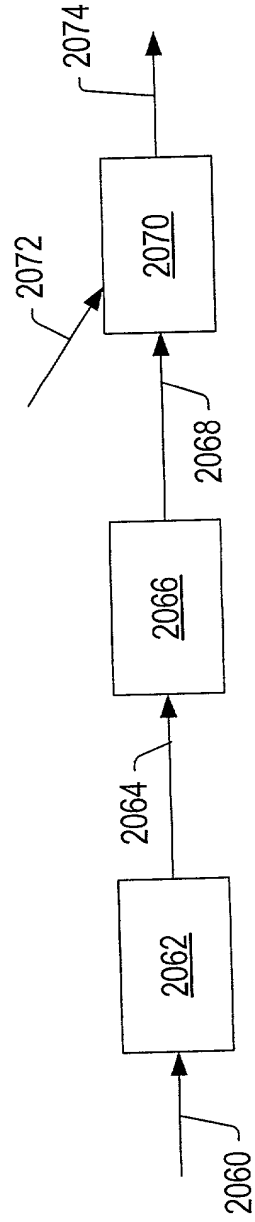


FIG. 43



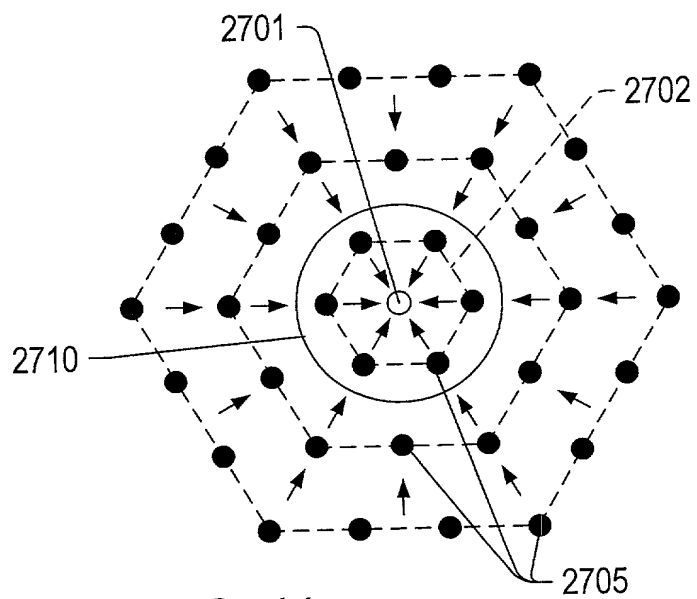


FIG. 44

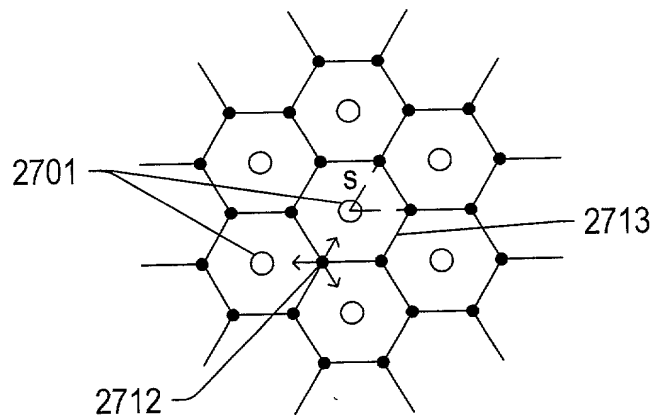


FIG. 45

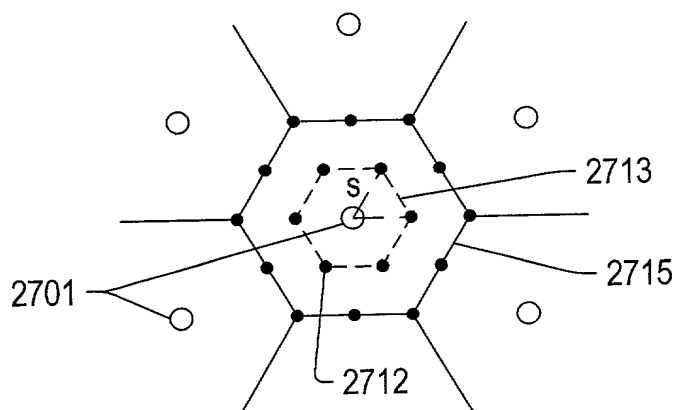


FIG. 46

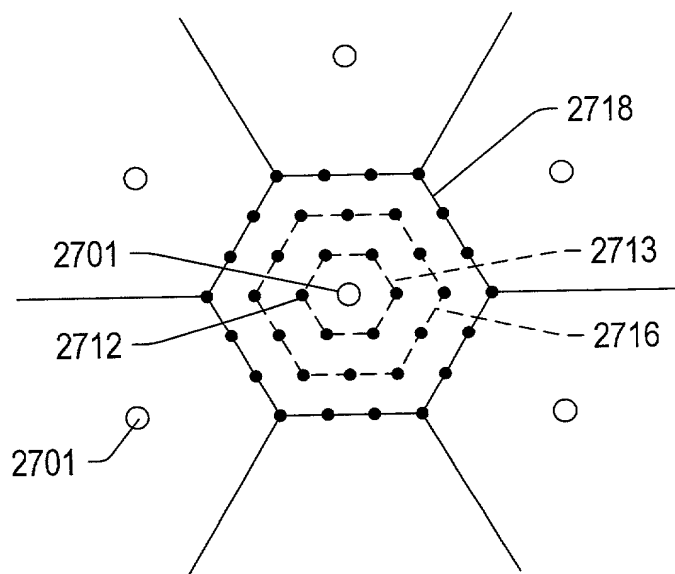


FIG. 47

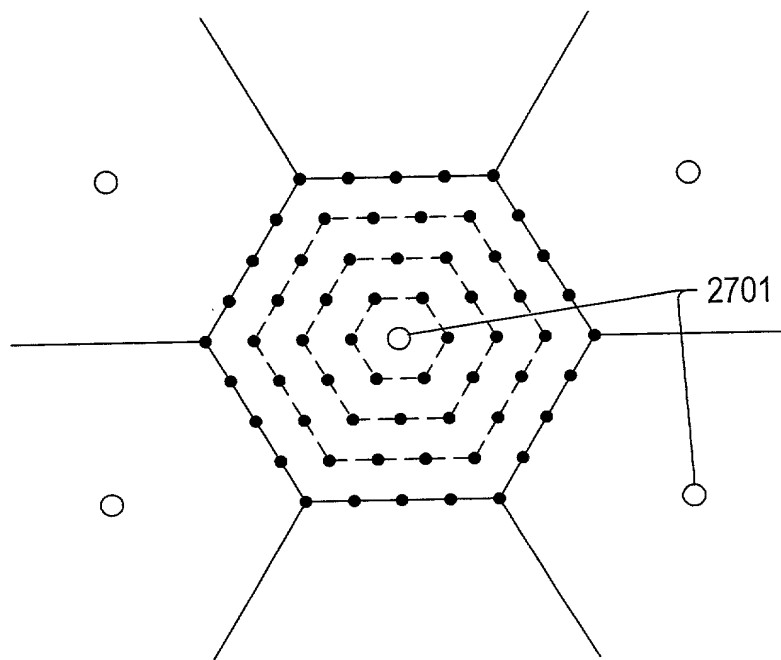


FIG. 48

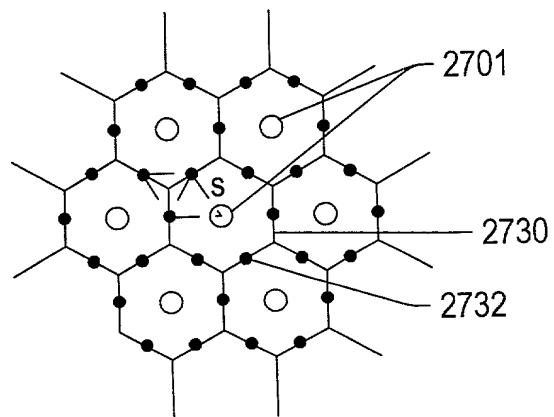


FIG. 49

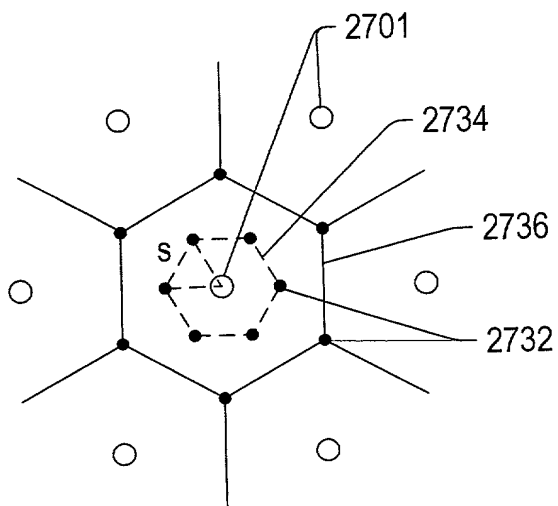


FIG. 50

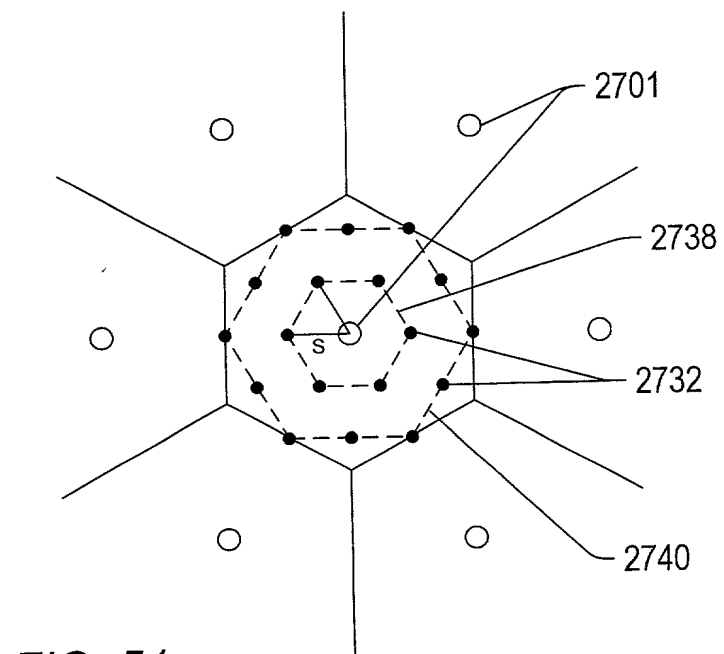


FIG. 51

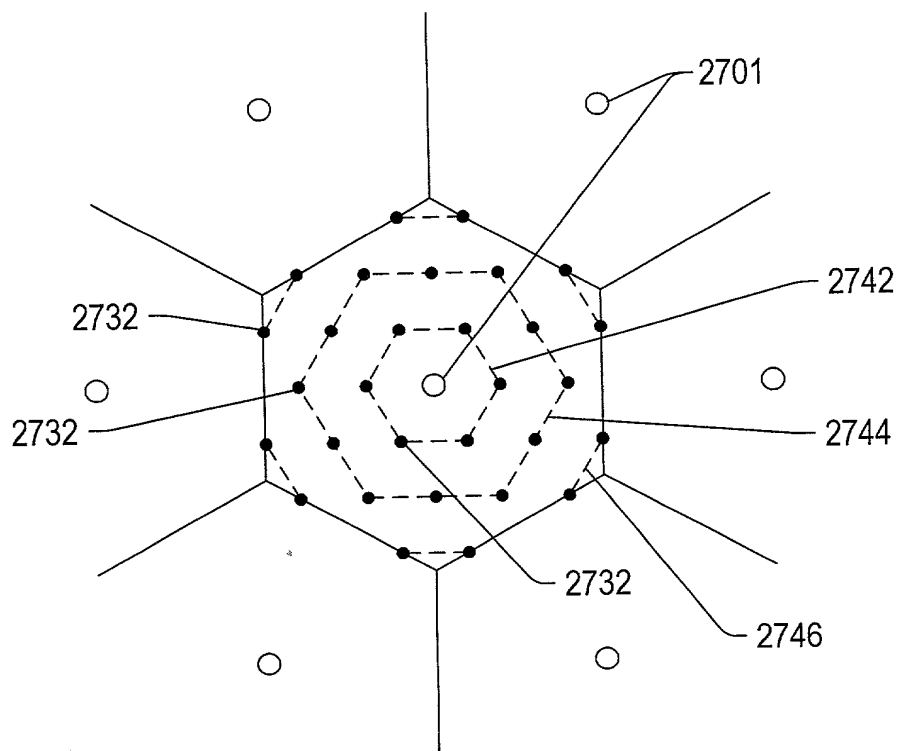


FIG. 52

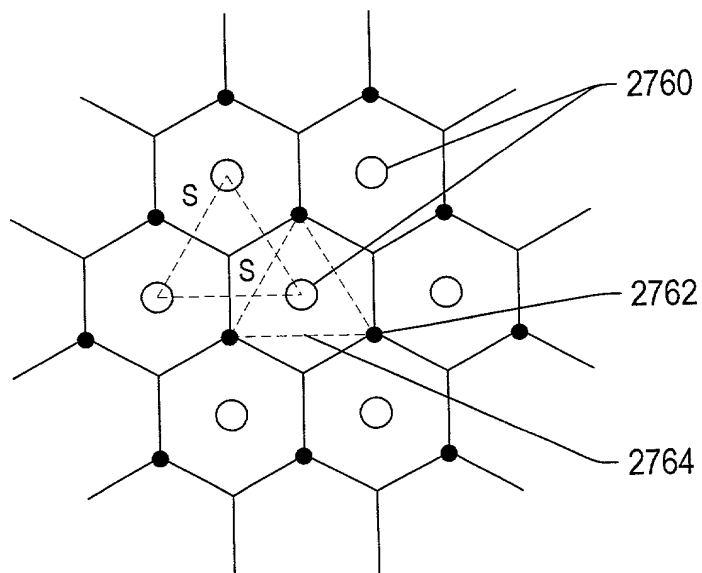


FIG. 53

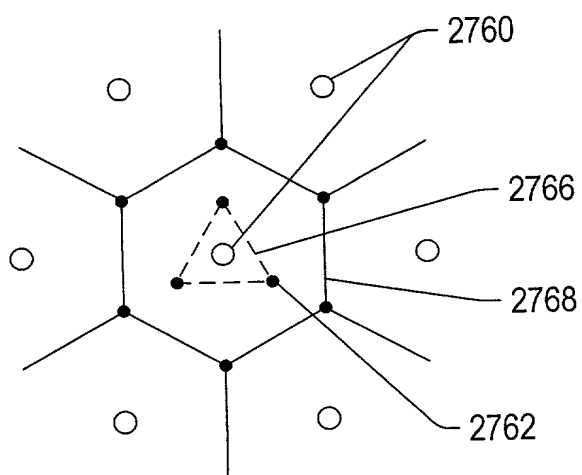


FIG. 54

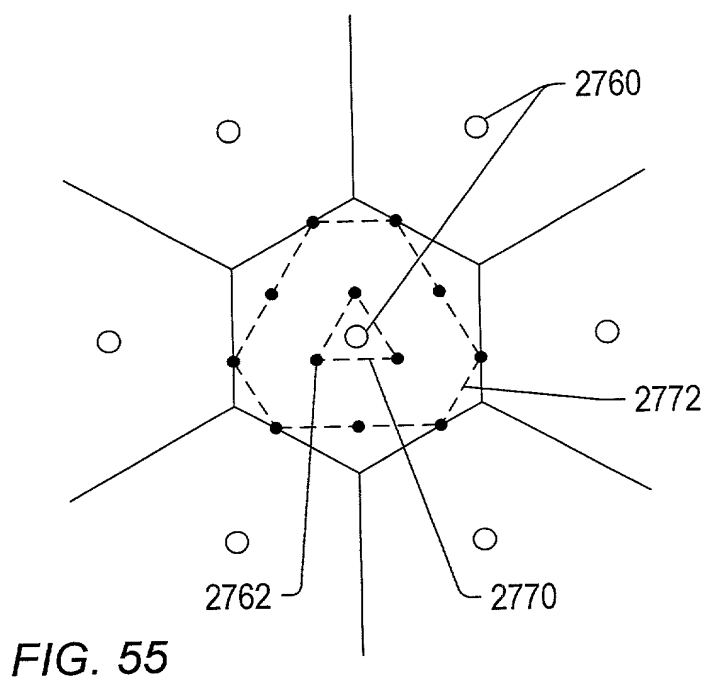


FIG. 55

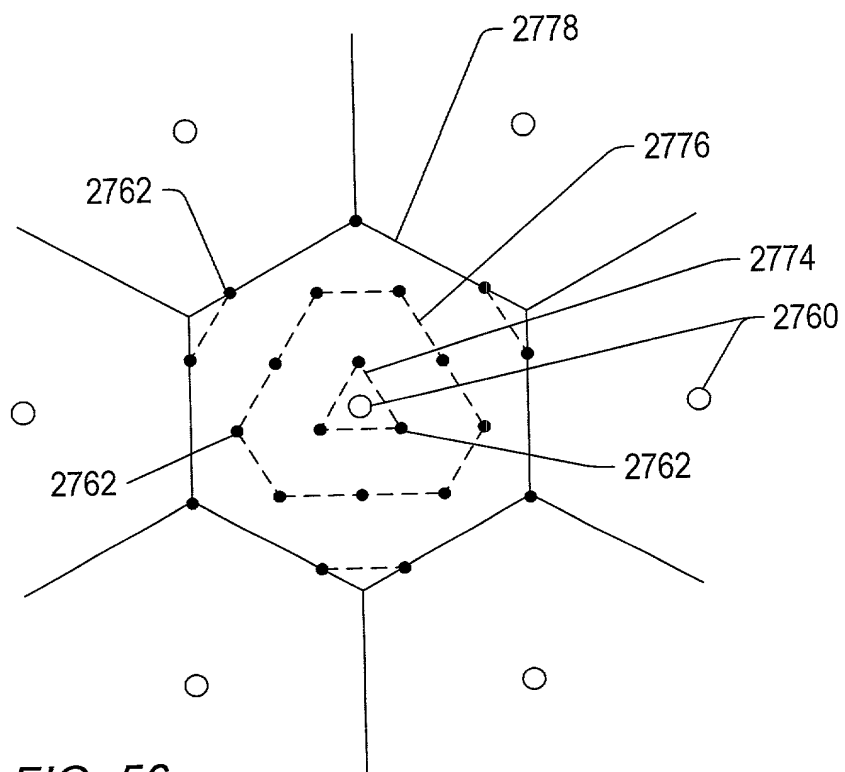


FIG. 56

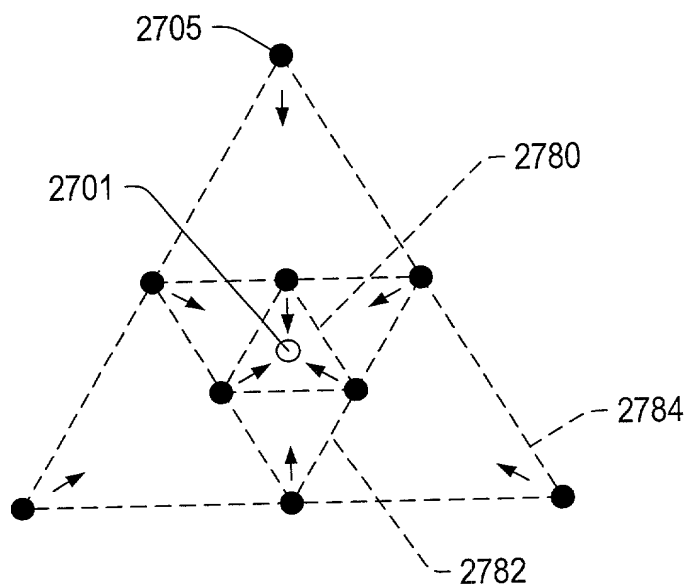


FIG. 57



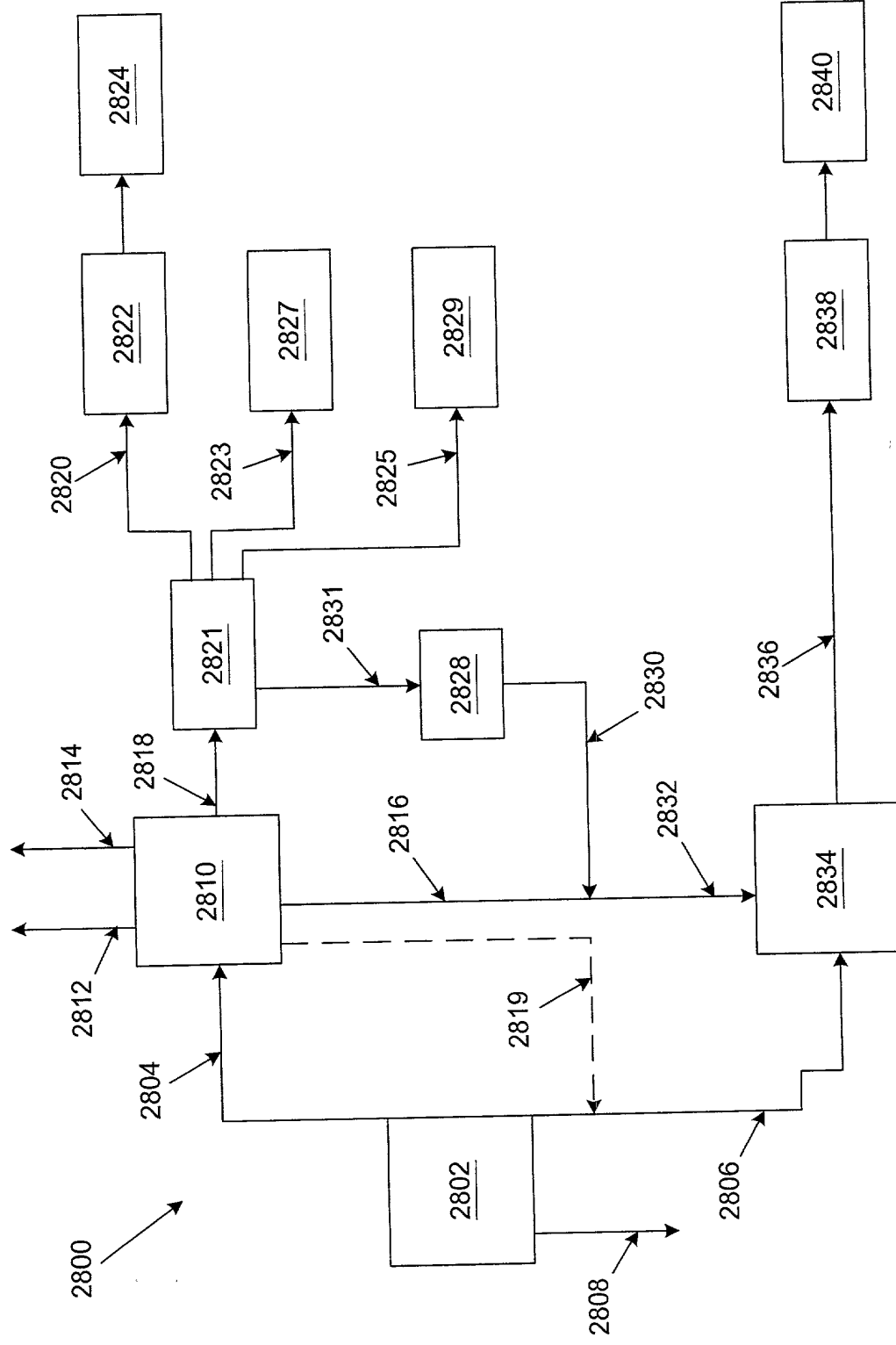
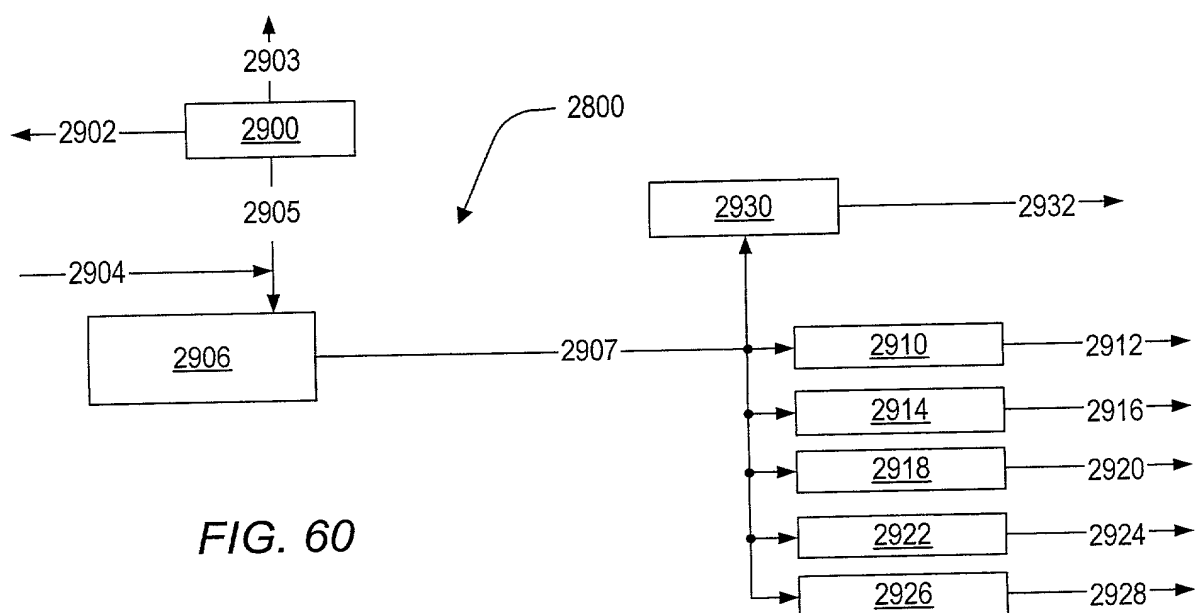
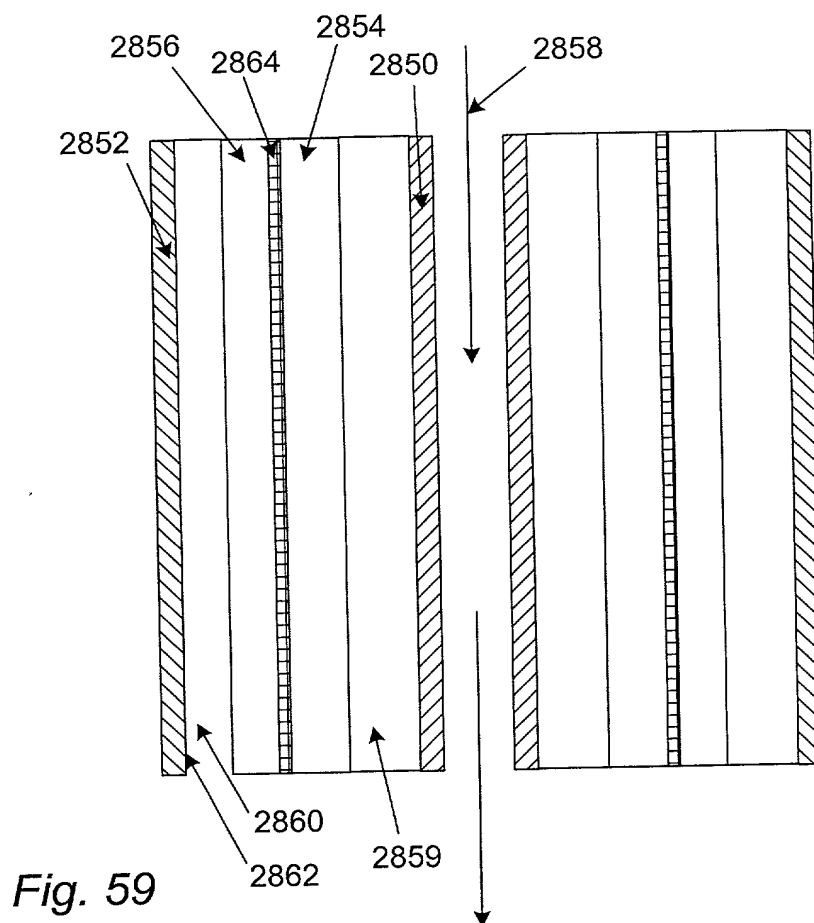


Fig. 58



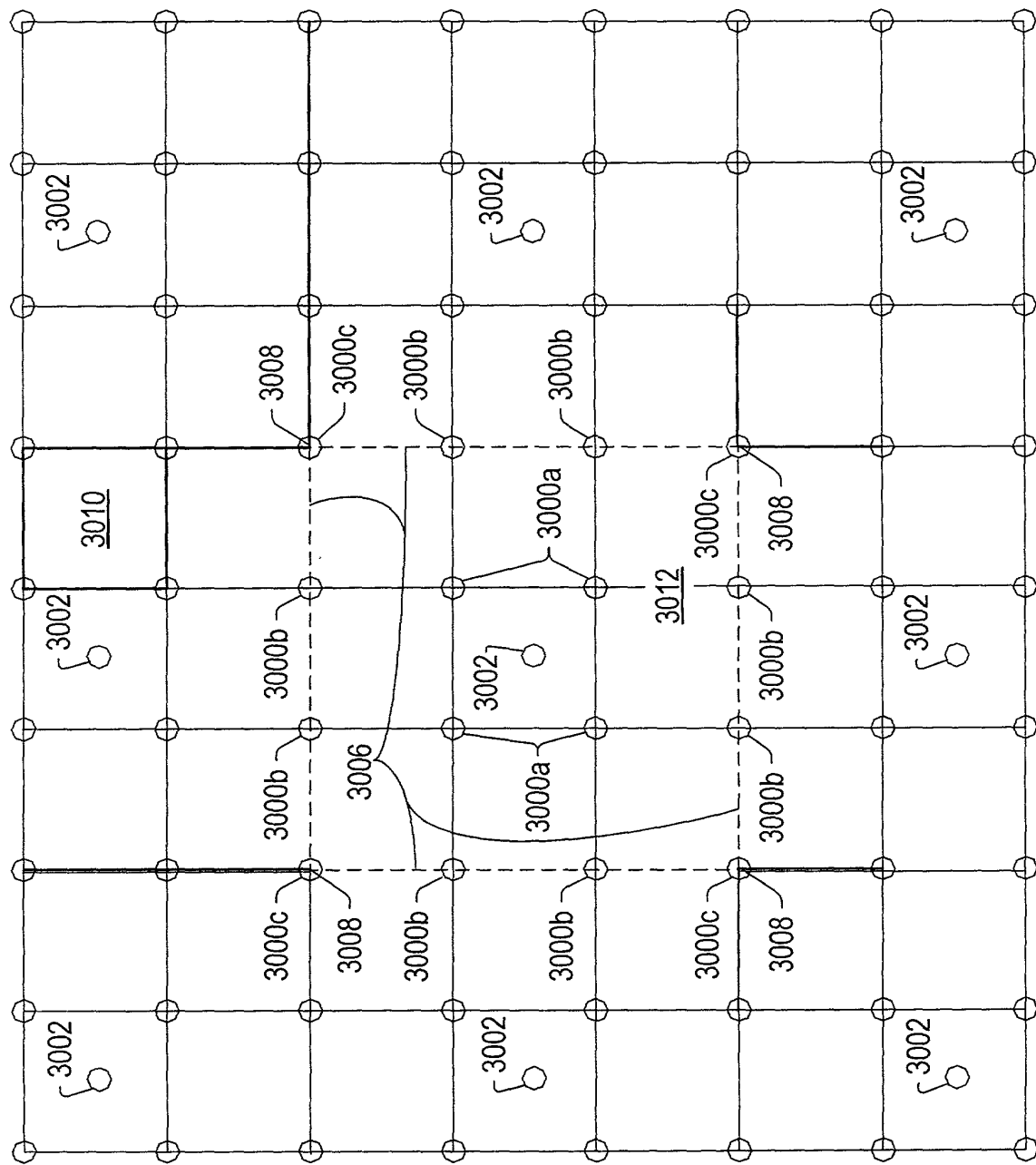


FIG. 61

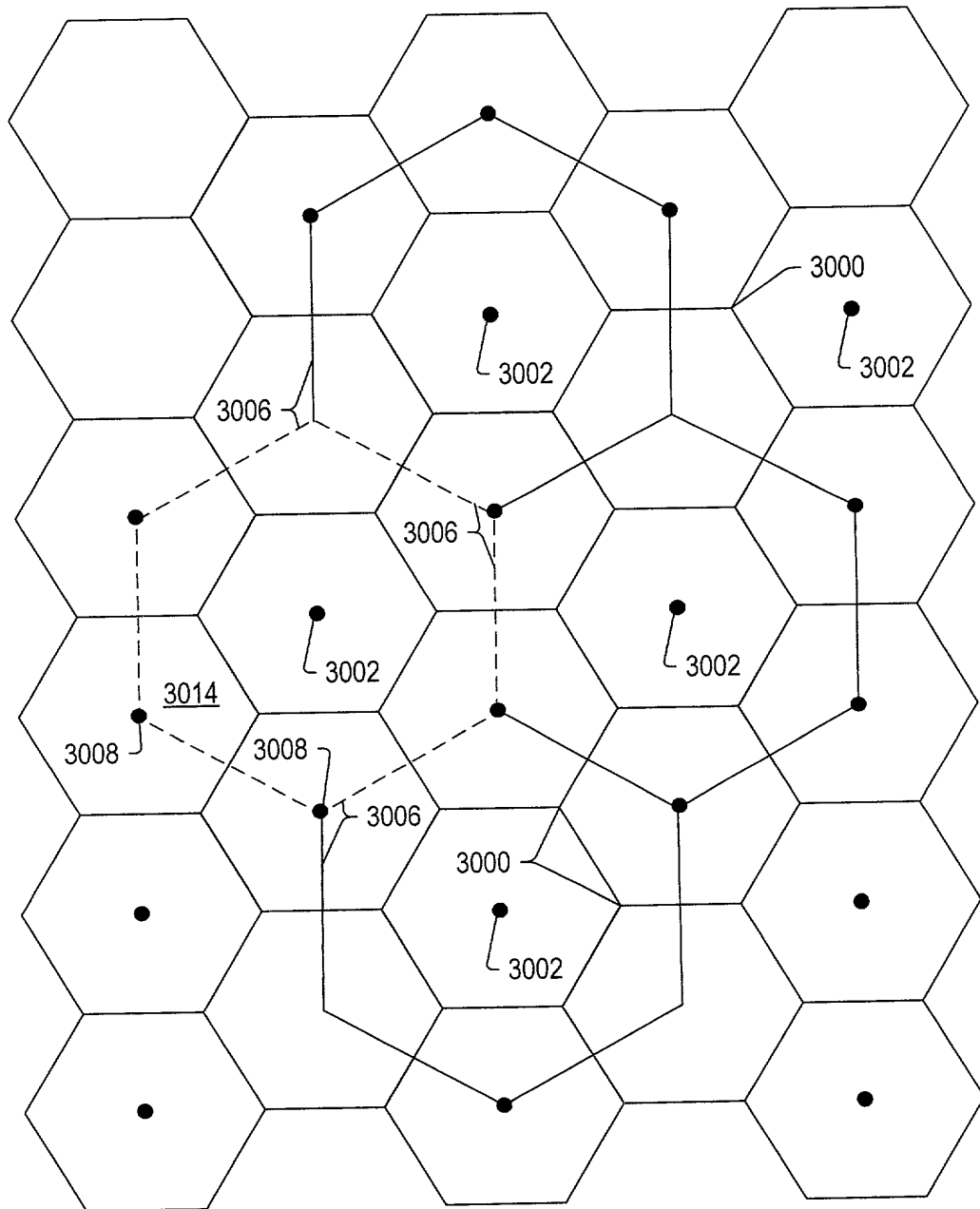


FIG. 62

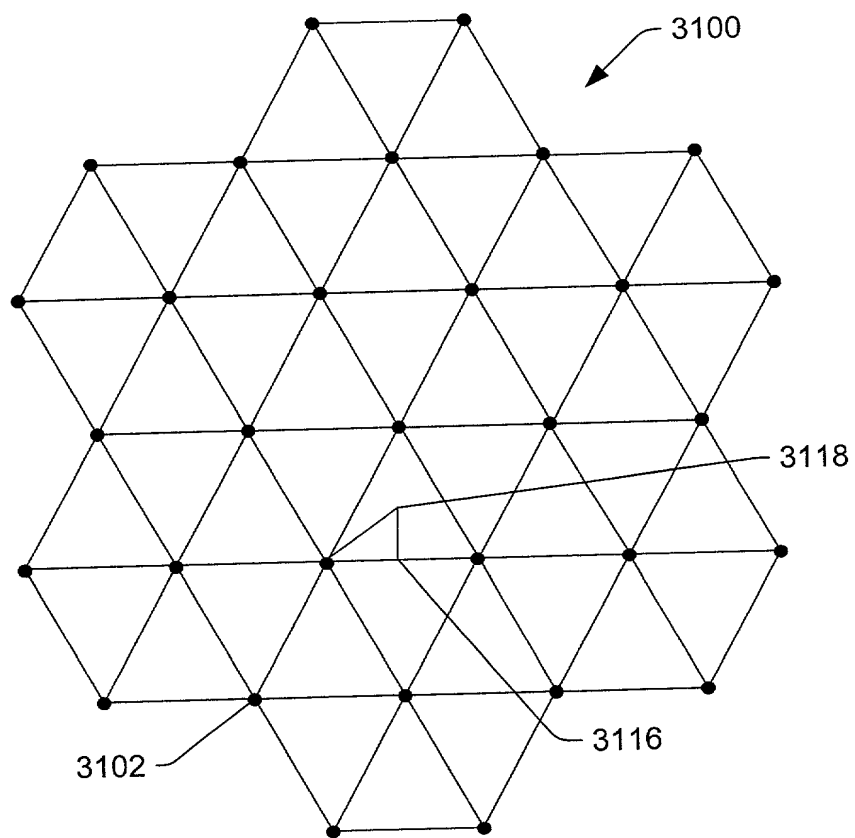


FIG. 63

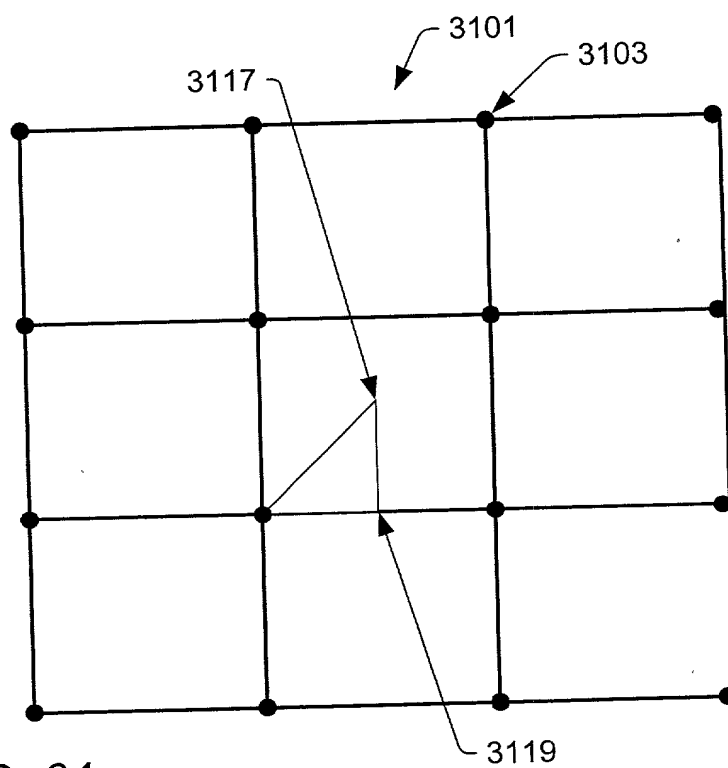


FIG. 64

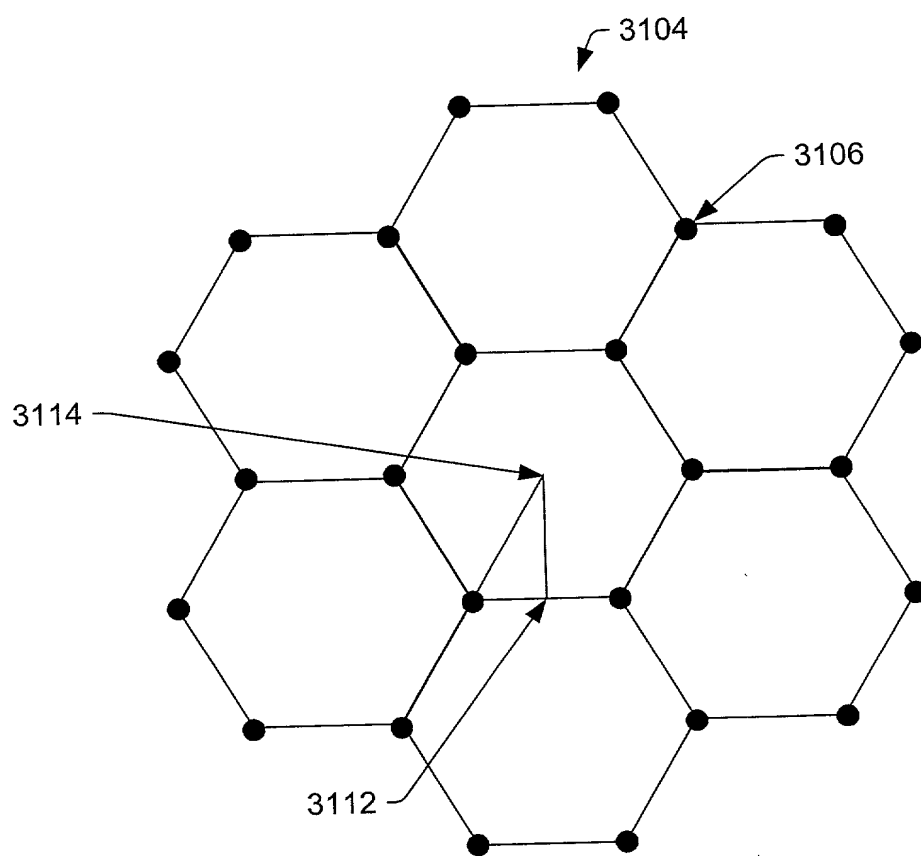


FIG. 65

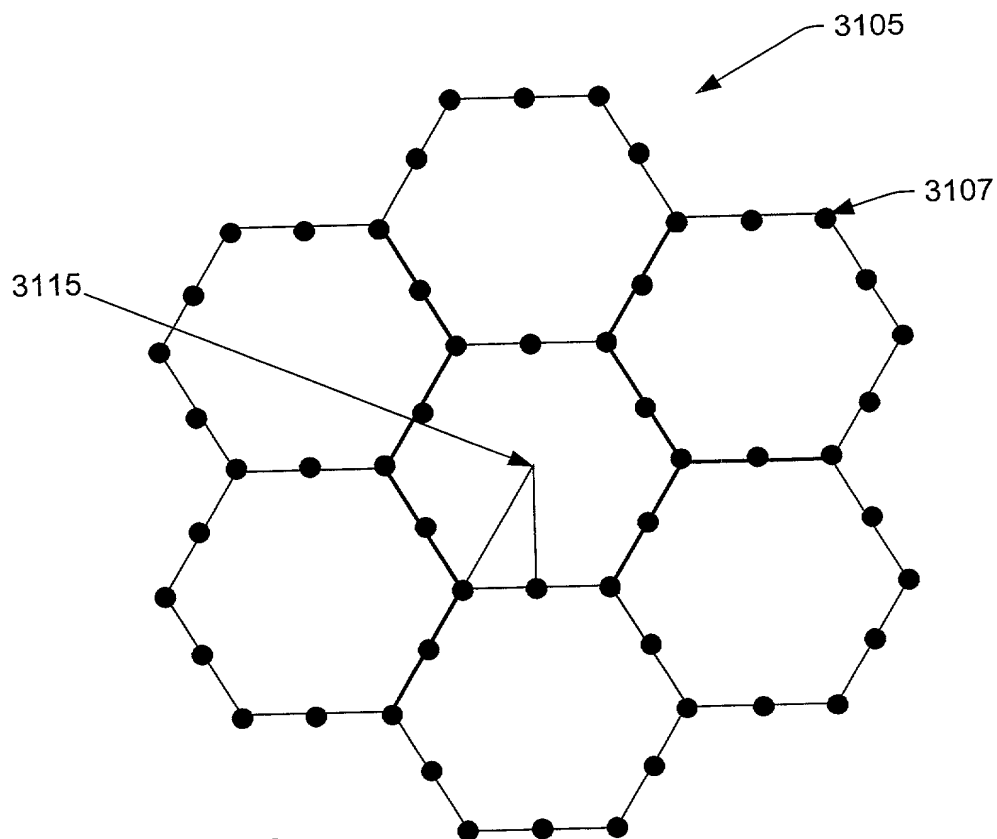


FIG. 66

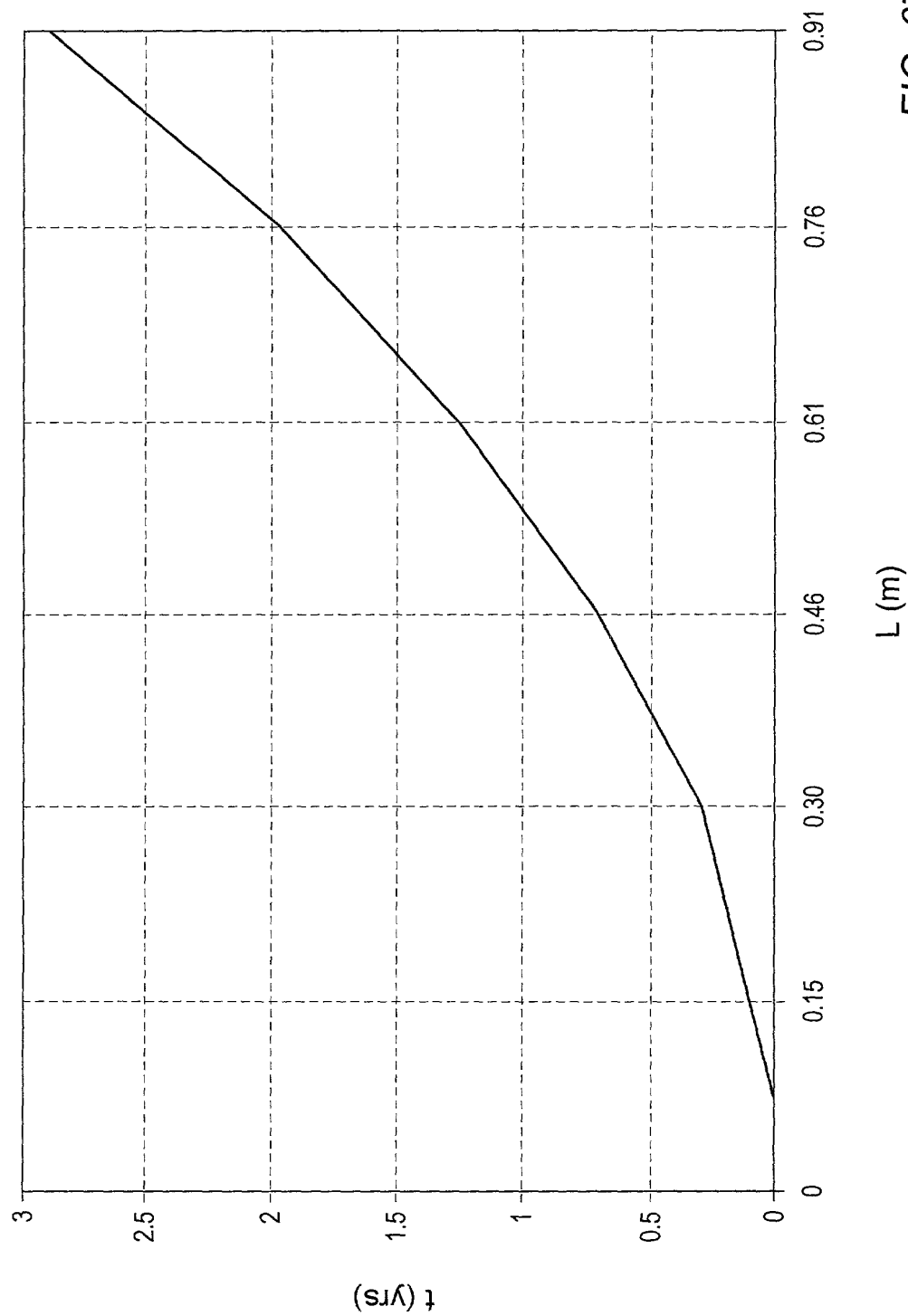


FIG. 67

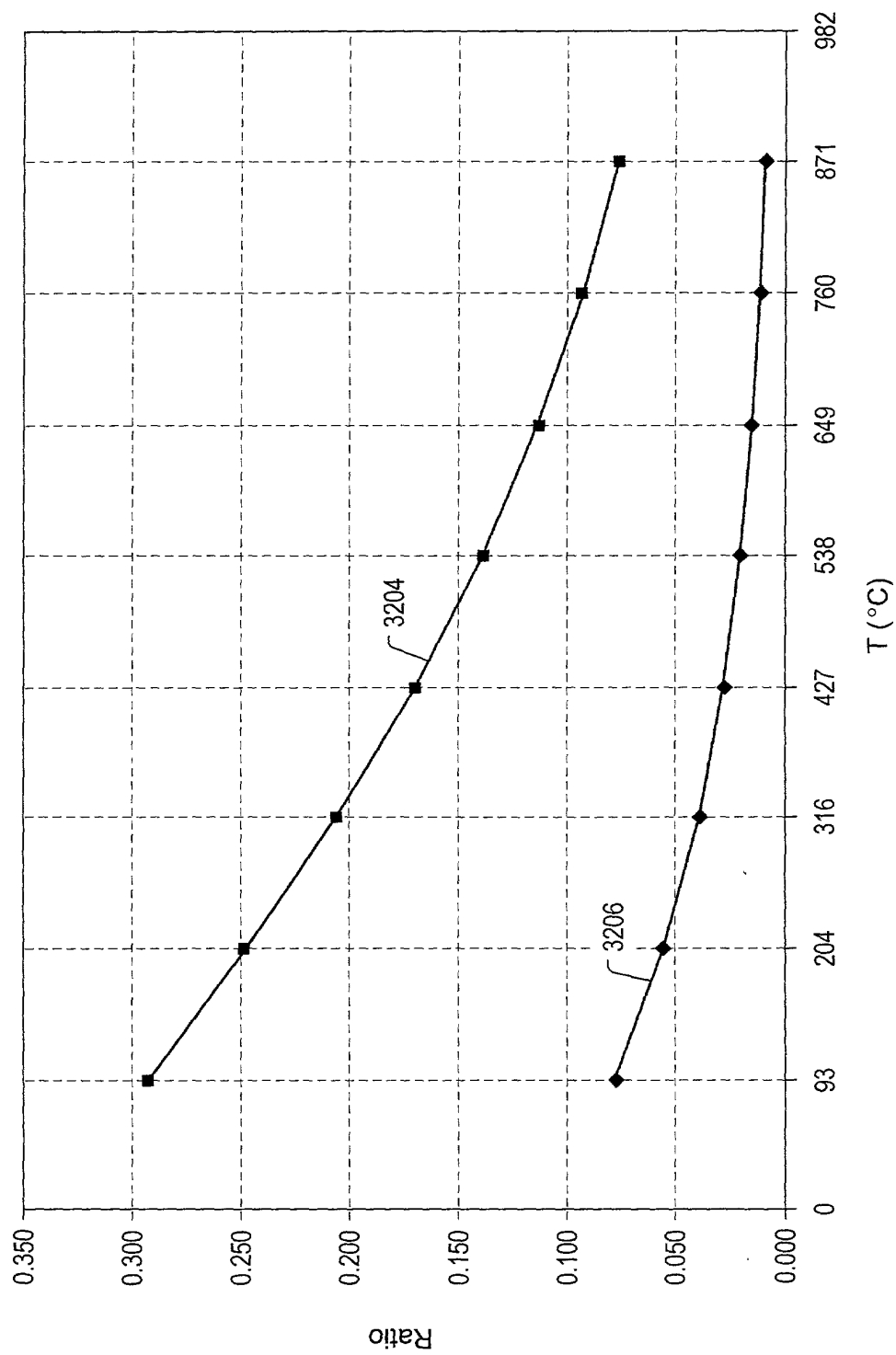


FIG. 68



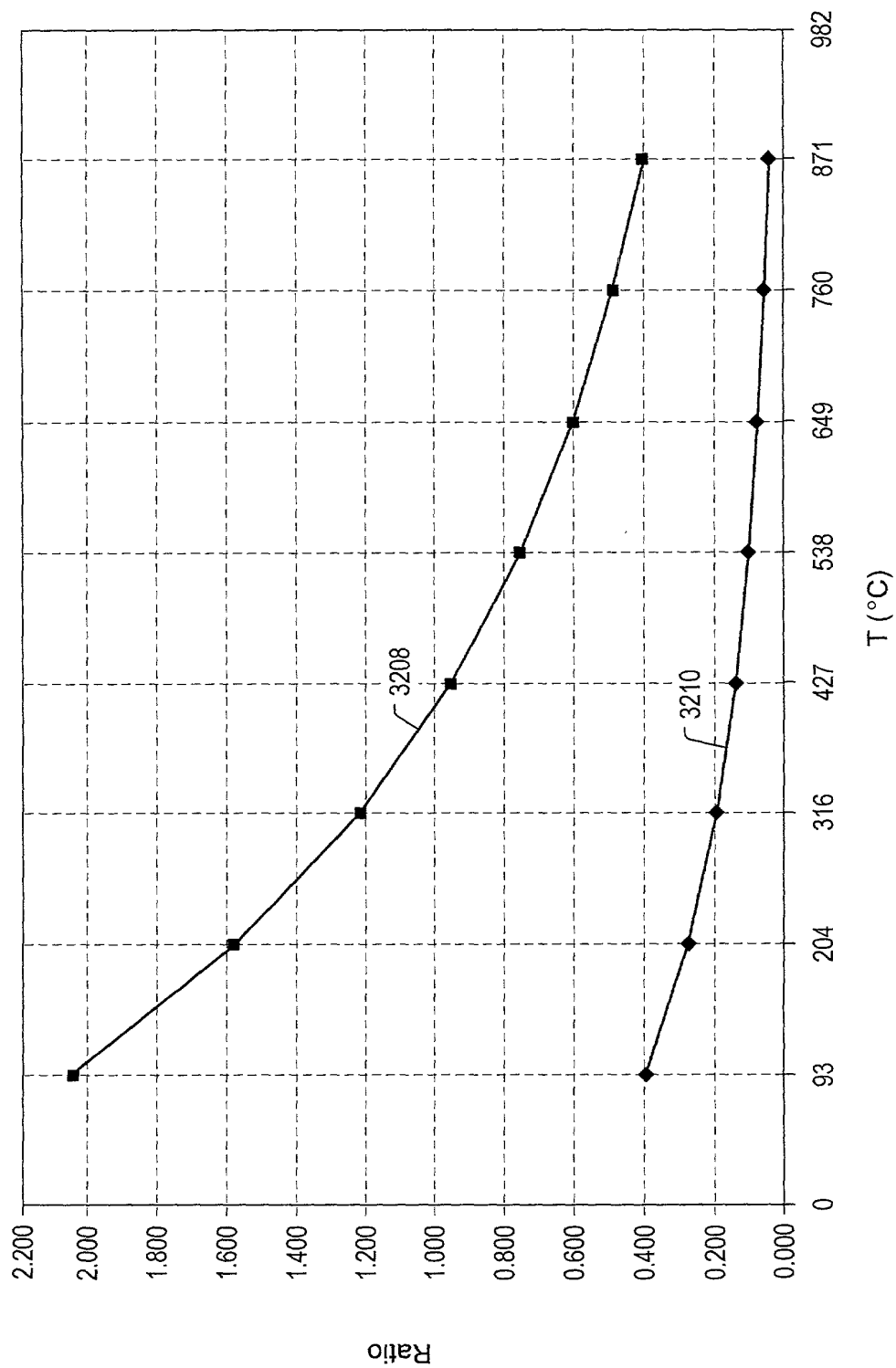


FIG. 69

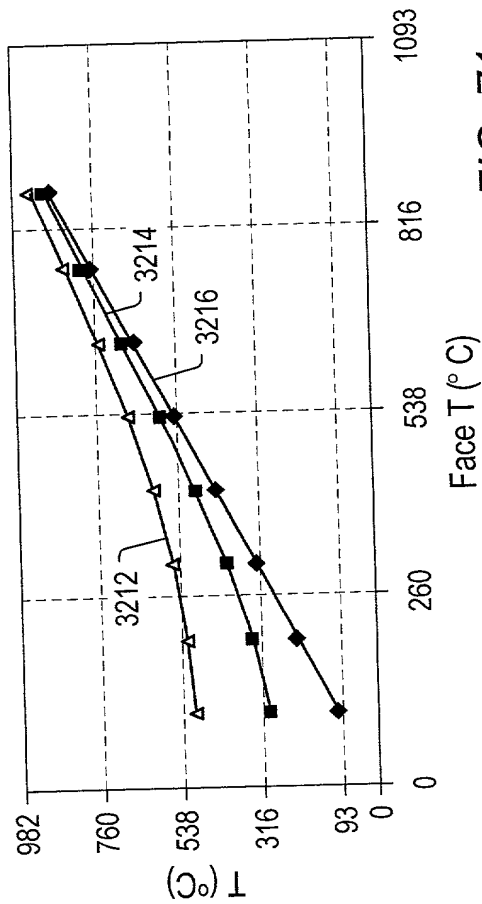


FIG. 71

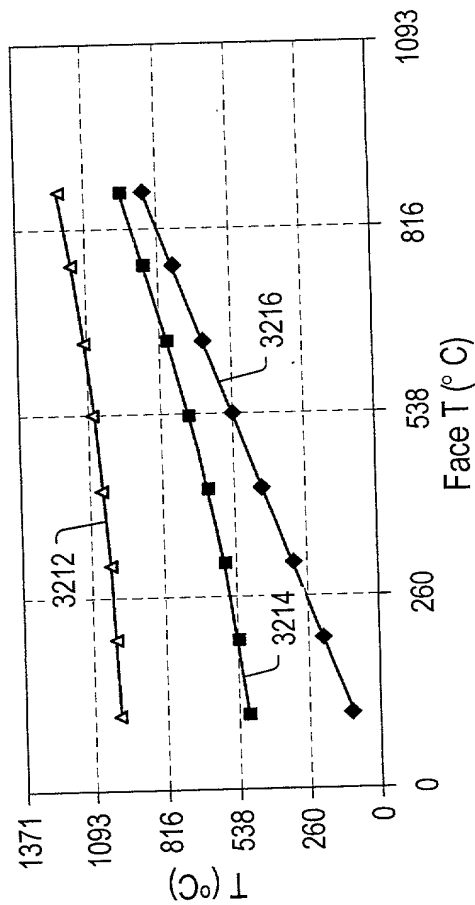


FIG. 73

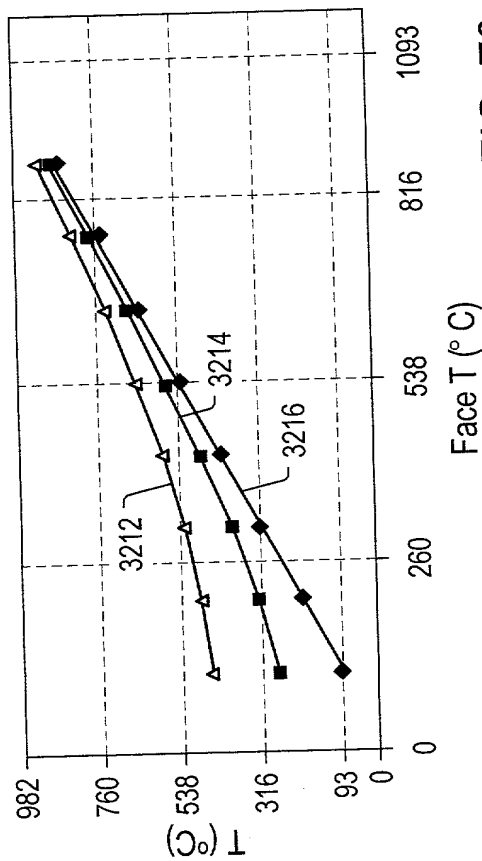


FIG. 70

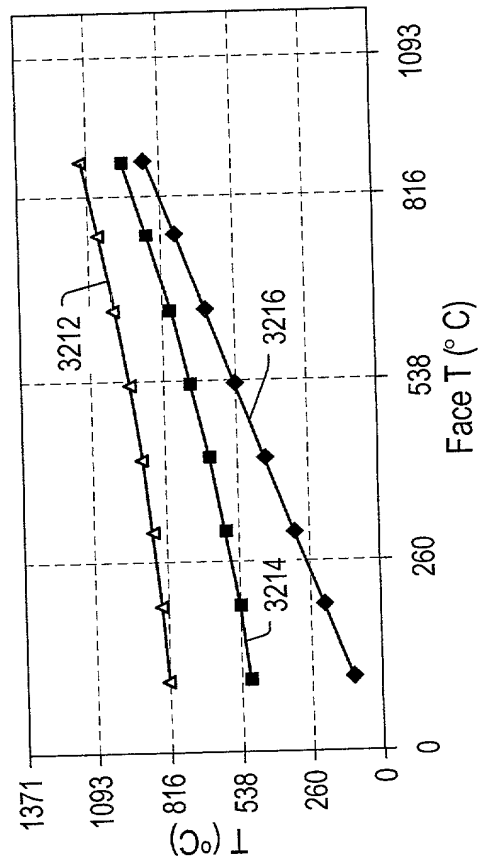


FIG. 72

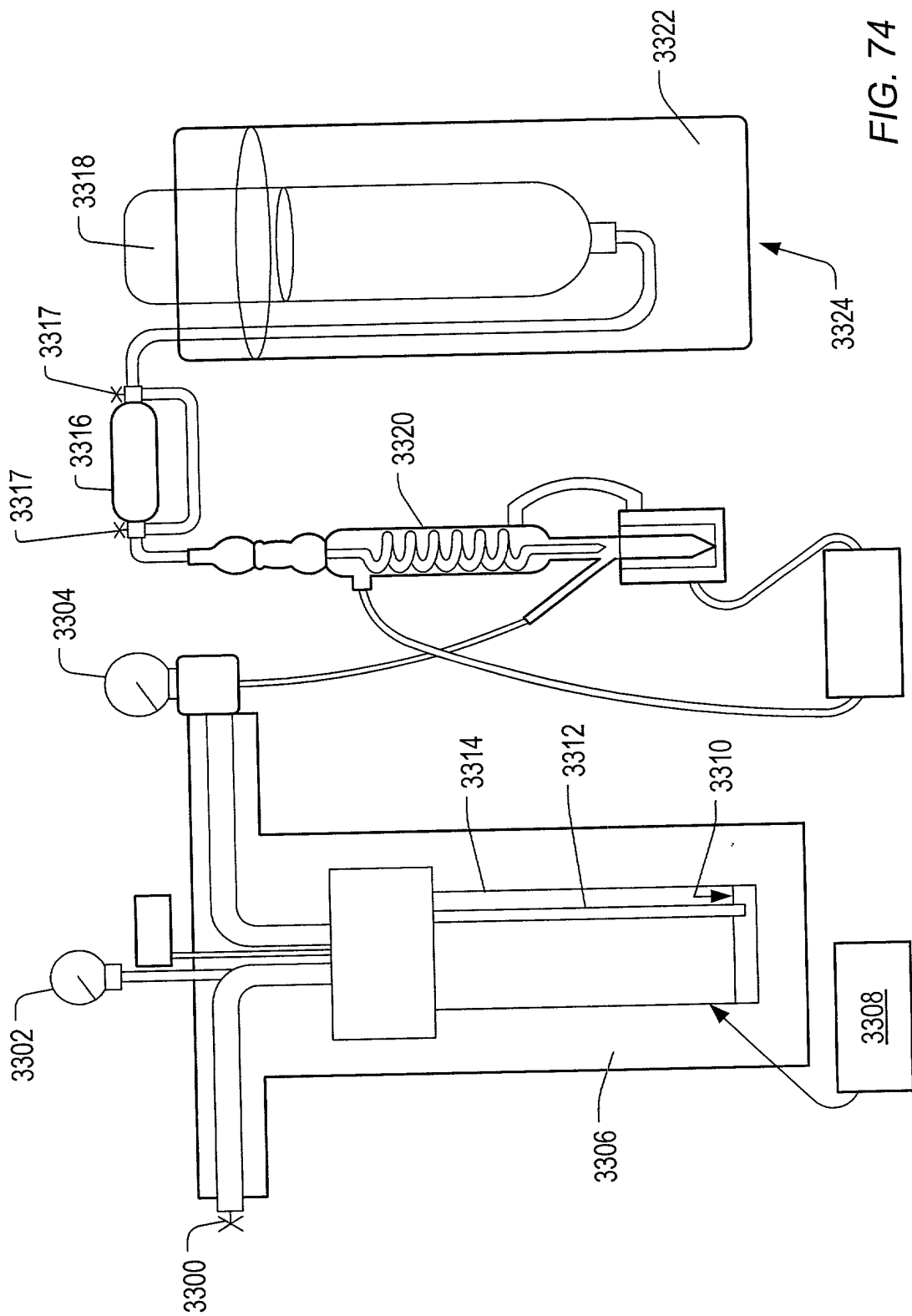
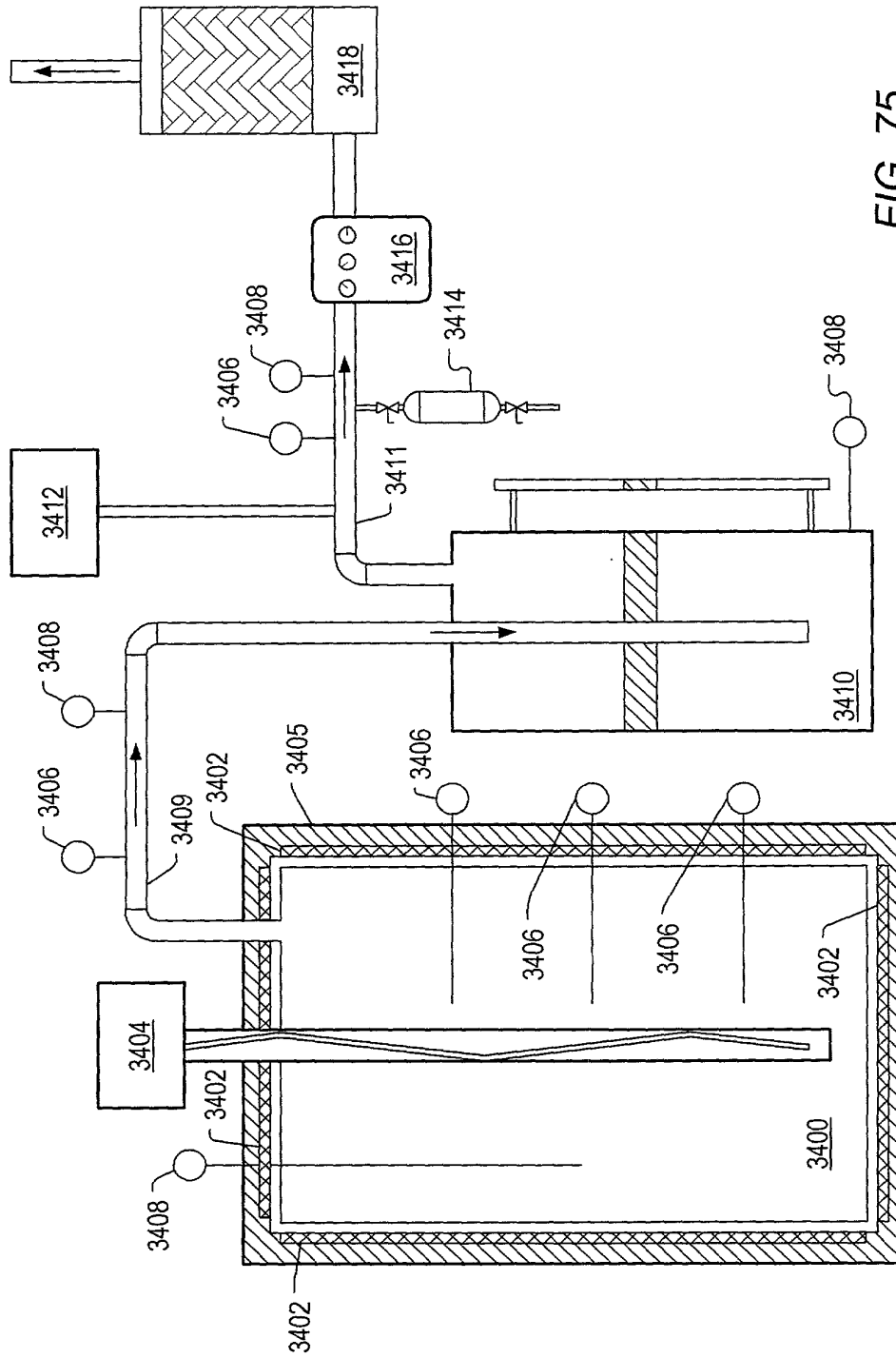


FIG. 74



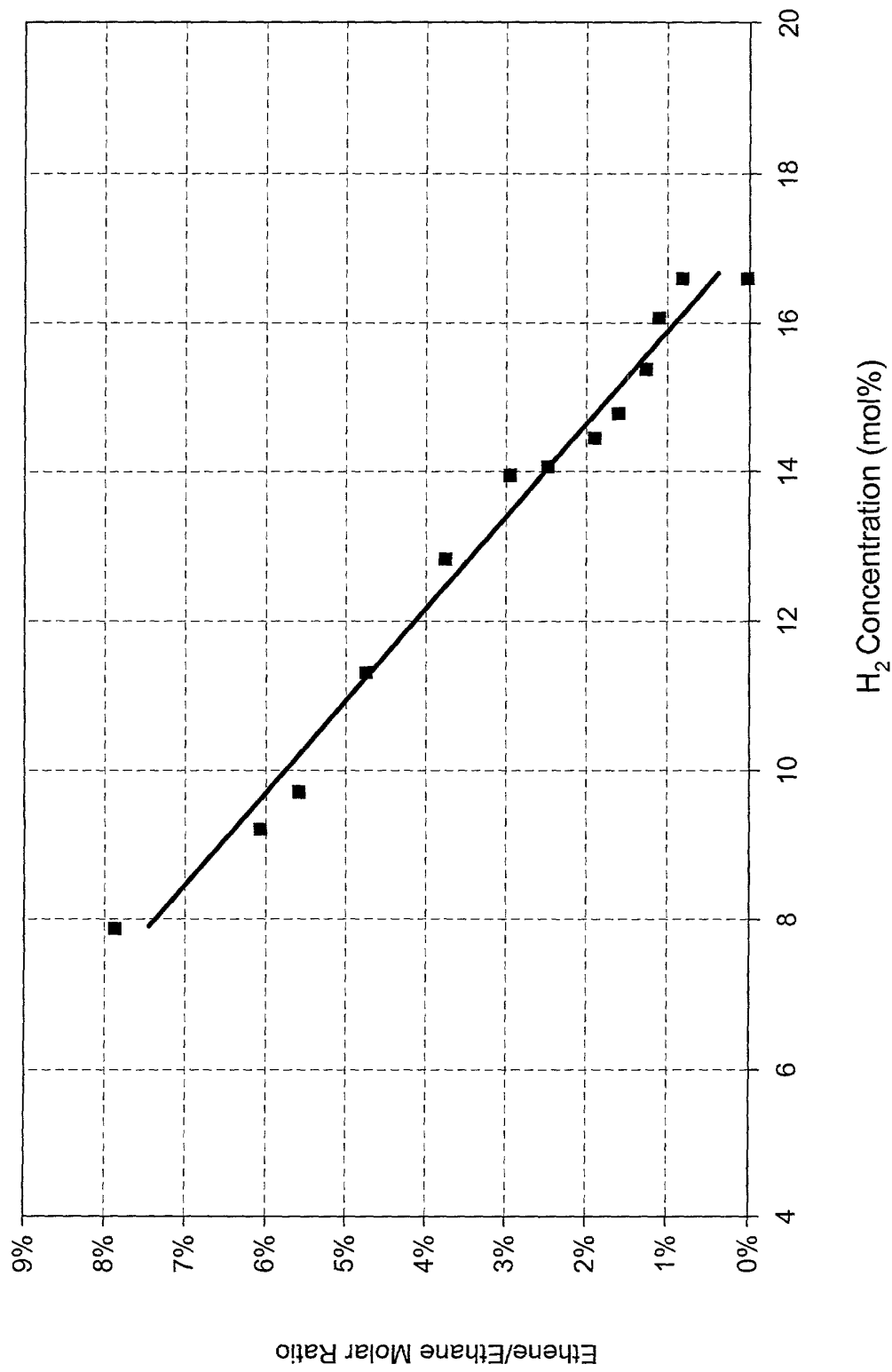


FIG. 76

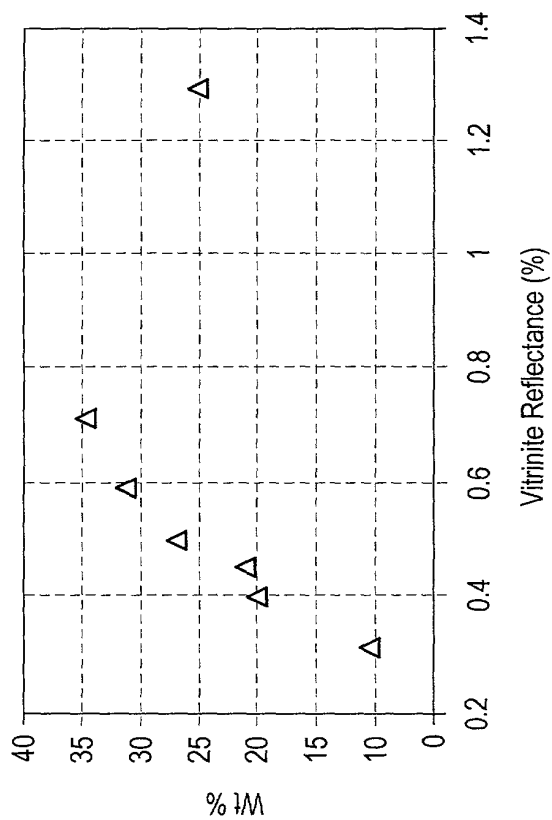


FIG. 77

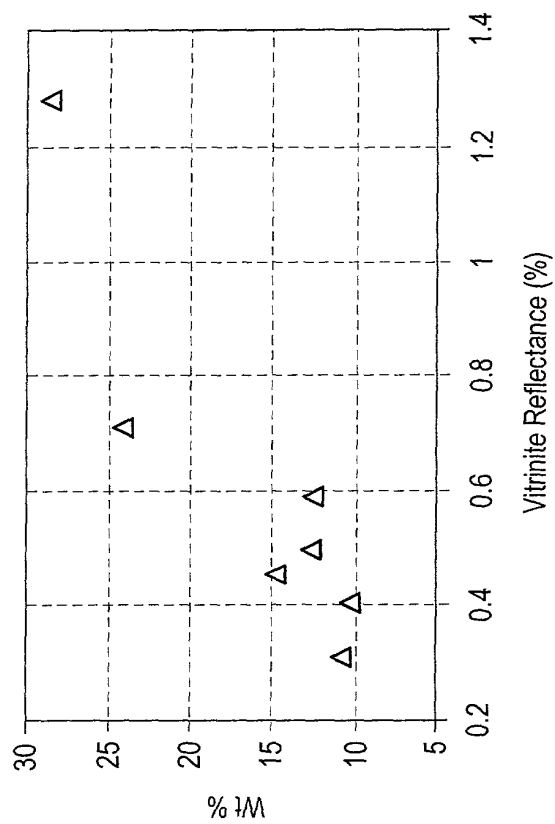


FIG. 78

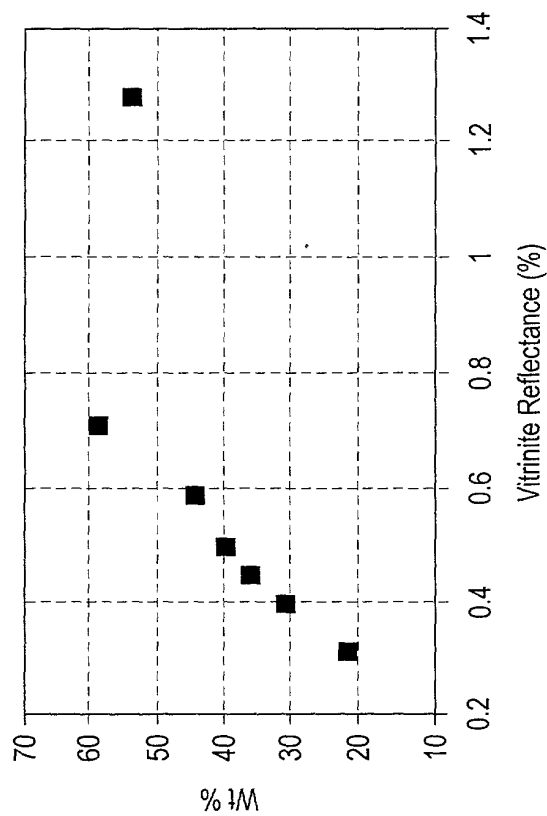


FIG. 79

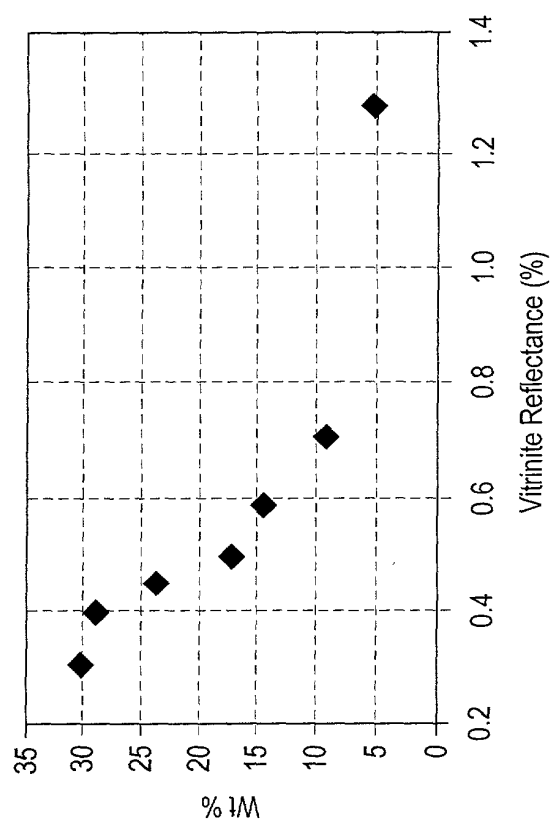


FIG. 80

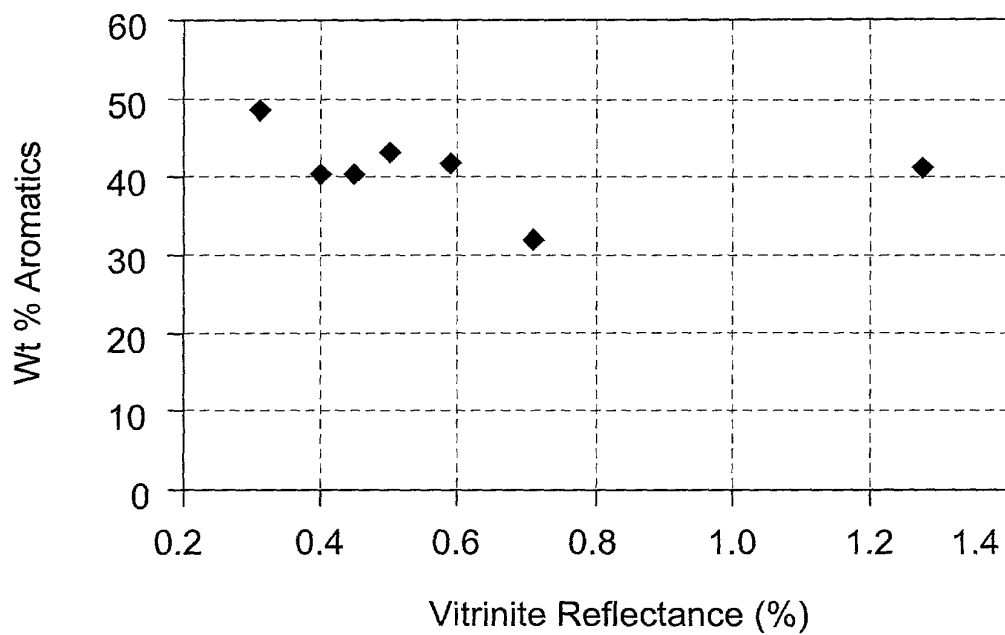


FIG. 81

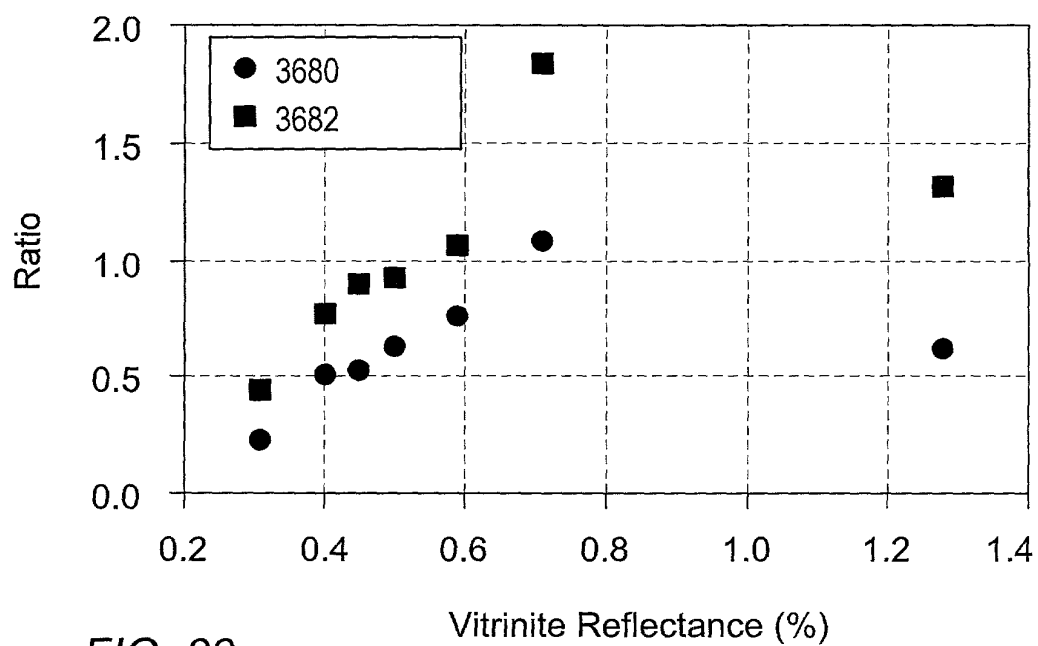
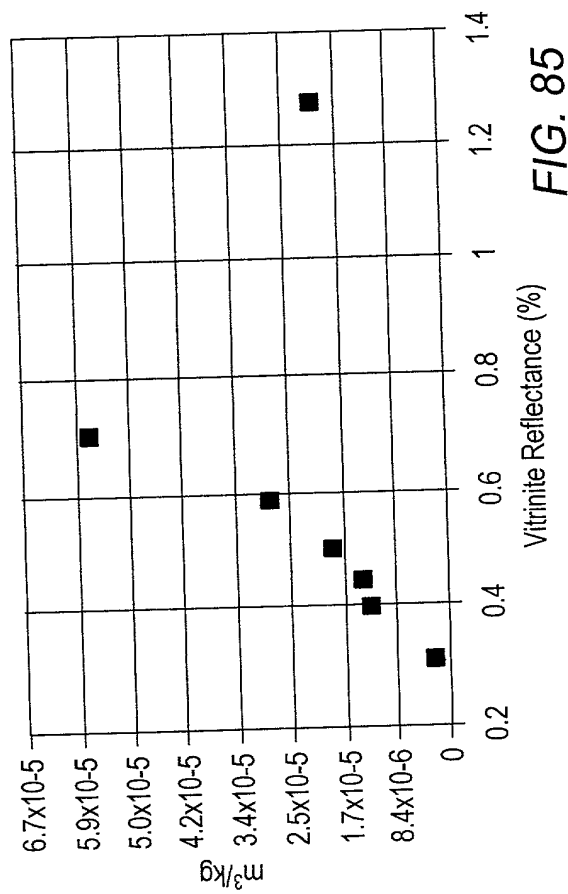
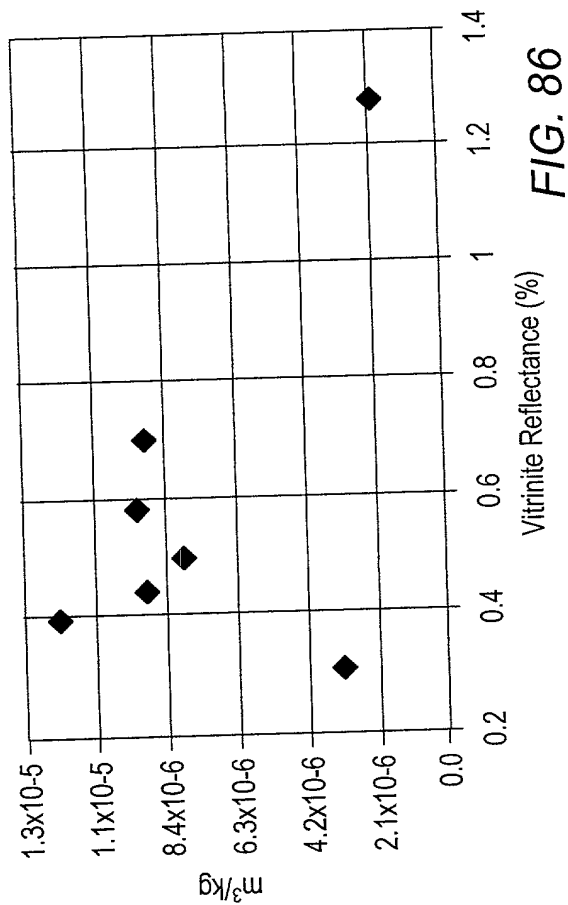
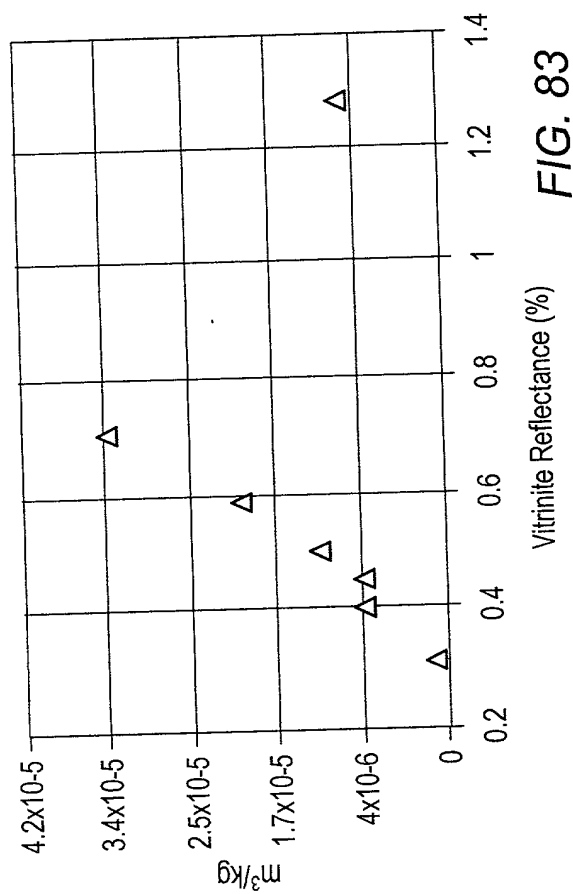
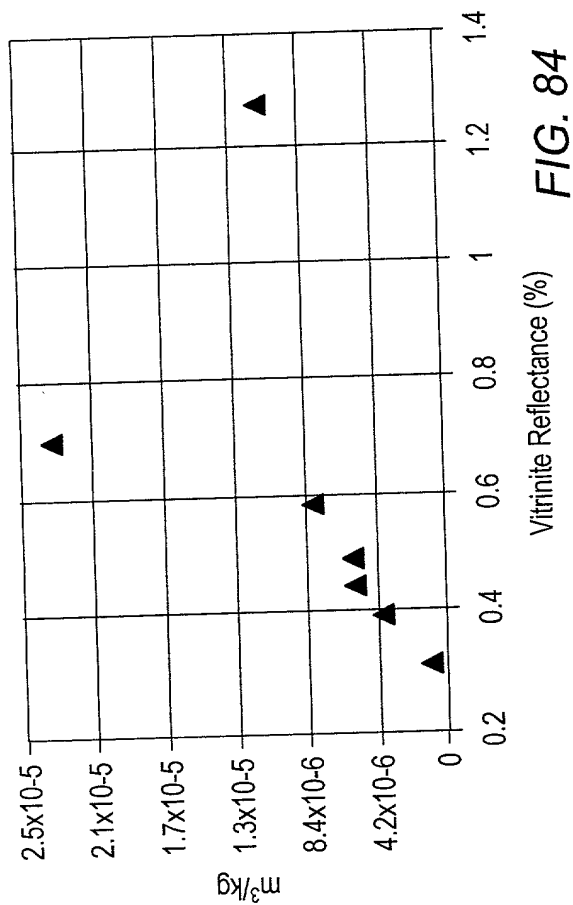


FIG. 82





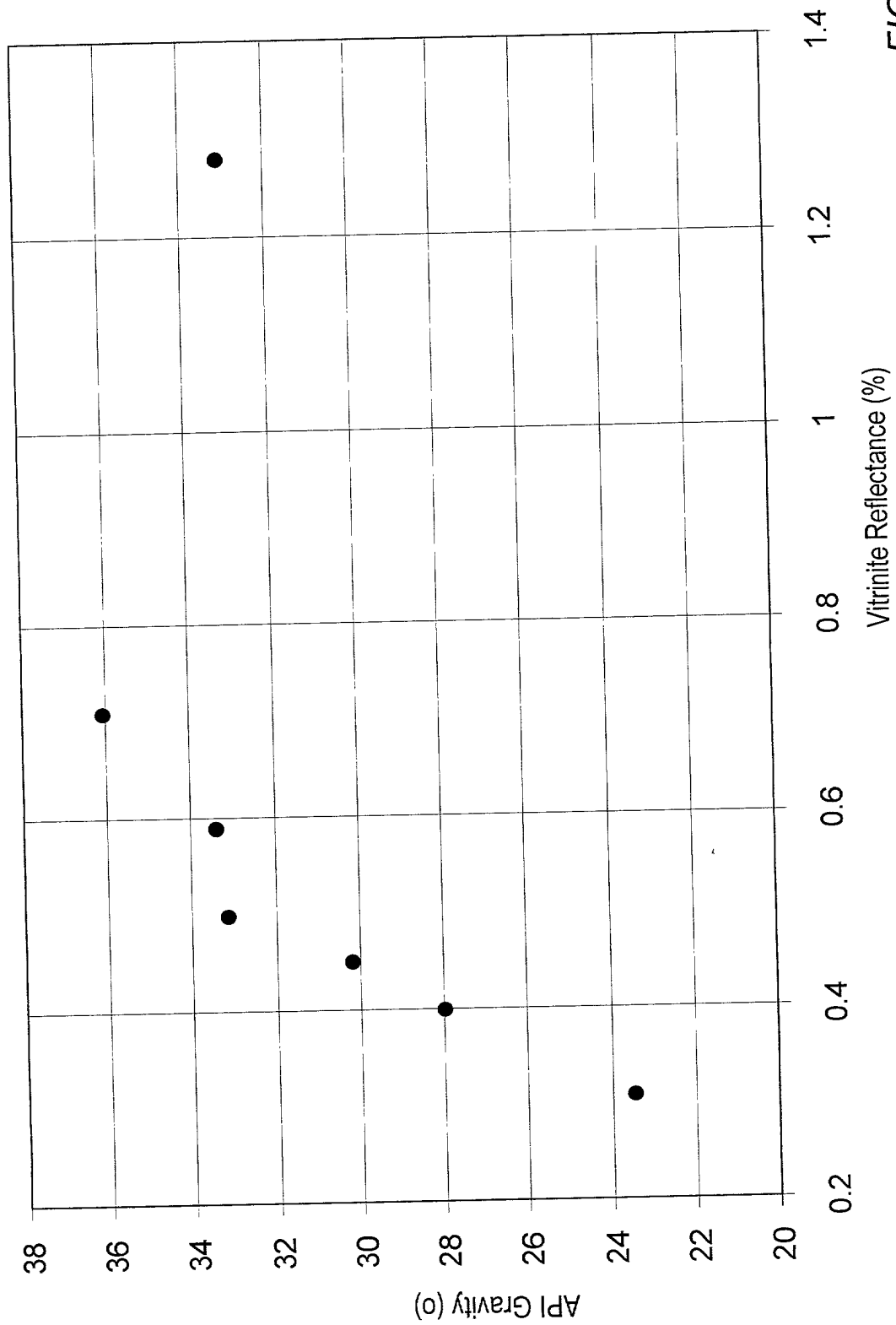
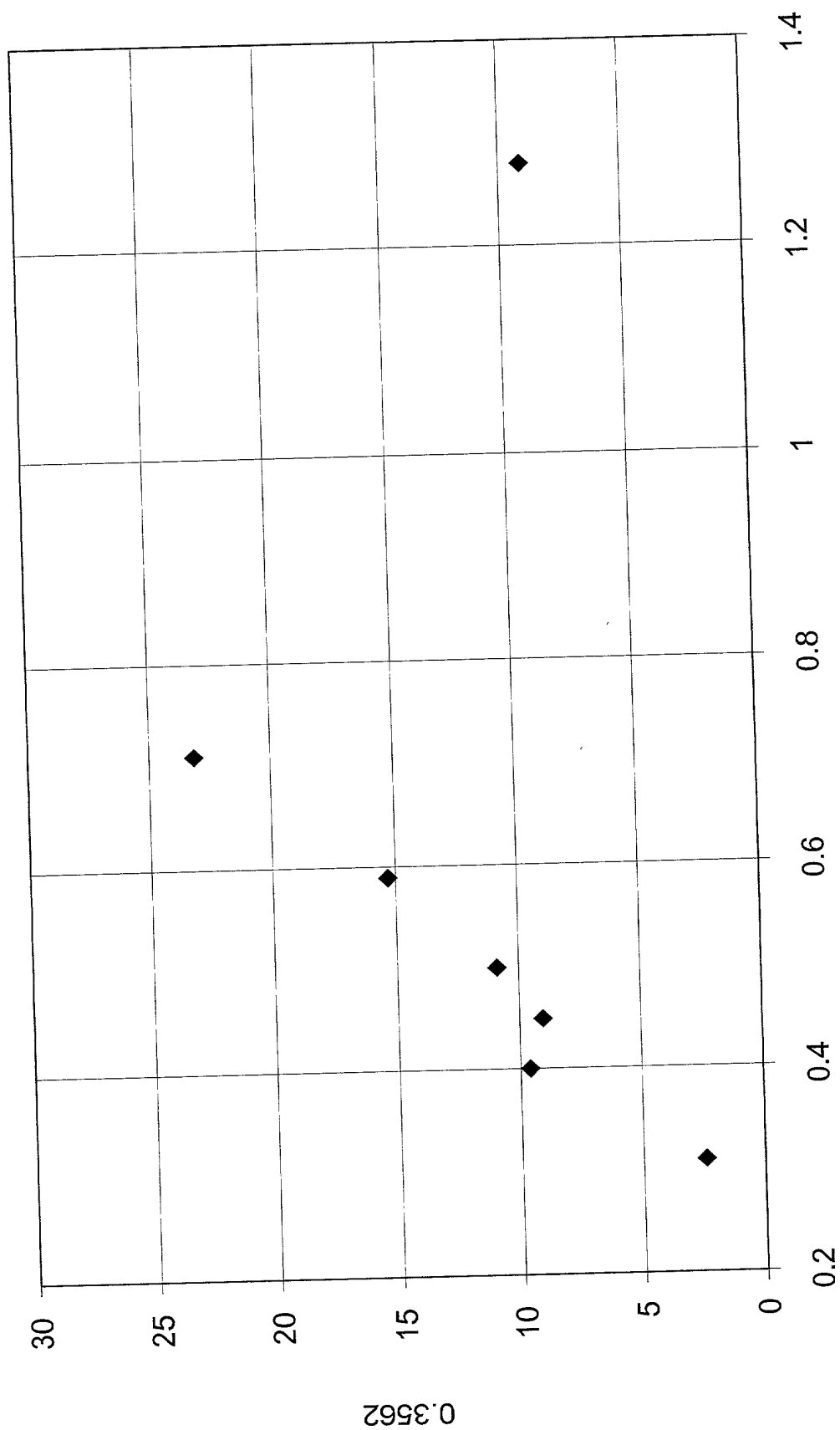


FIG. 87



Vitrinite Reflectance (%)

FIG. 88

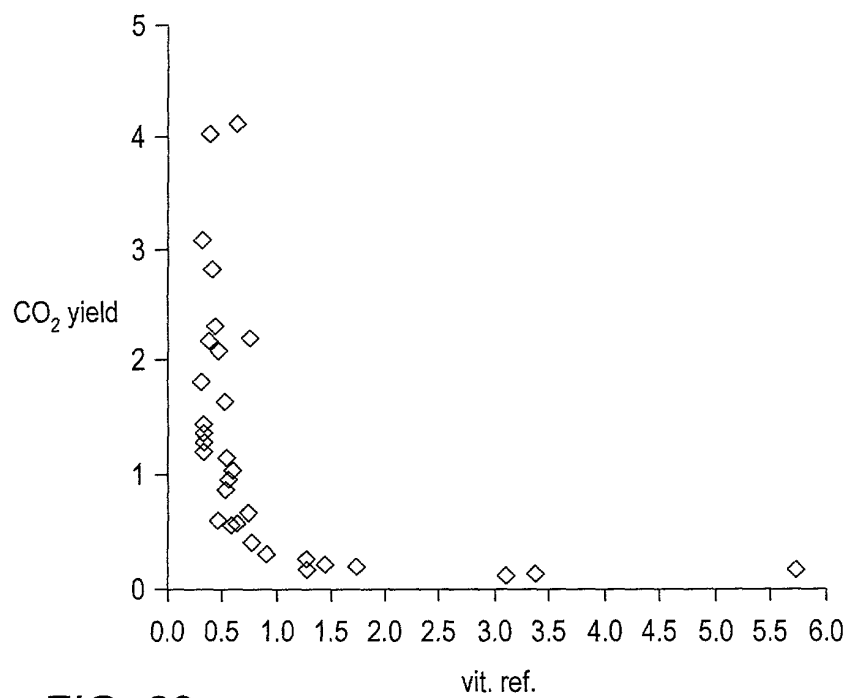
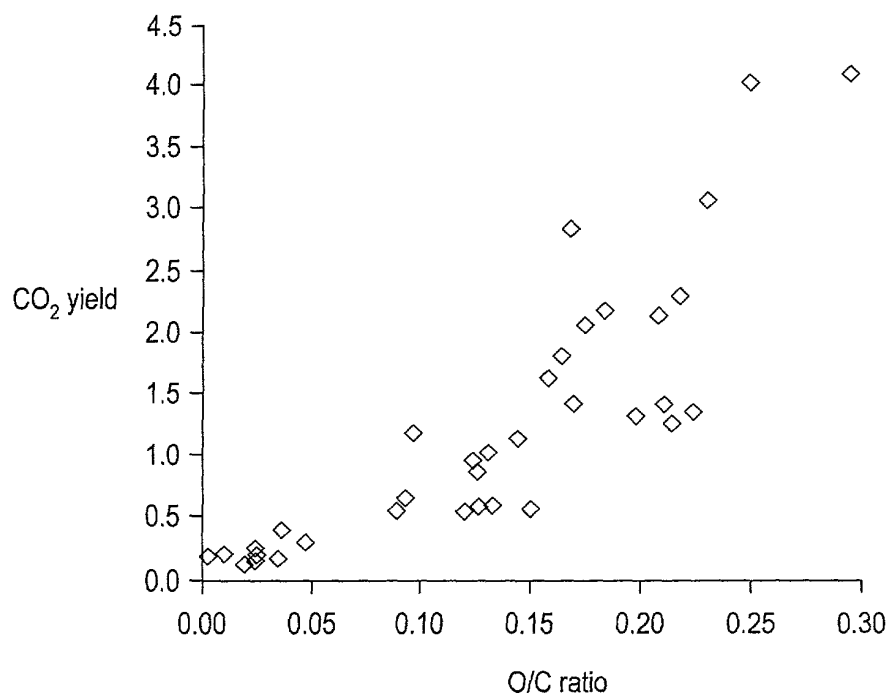


FIG. 89



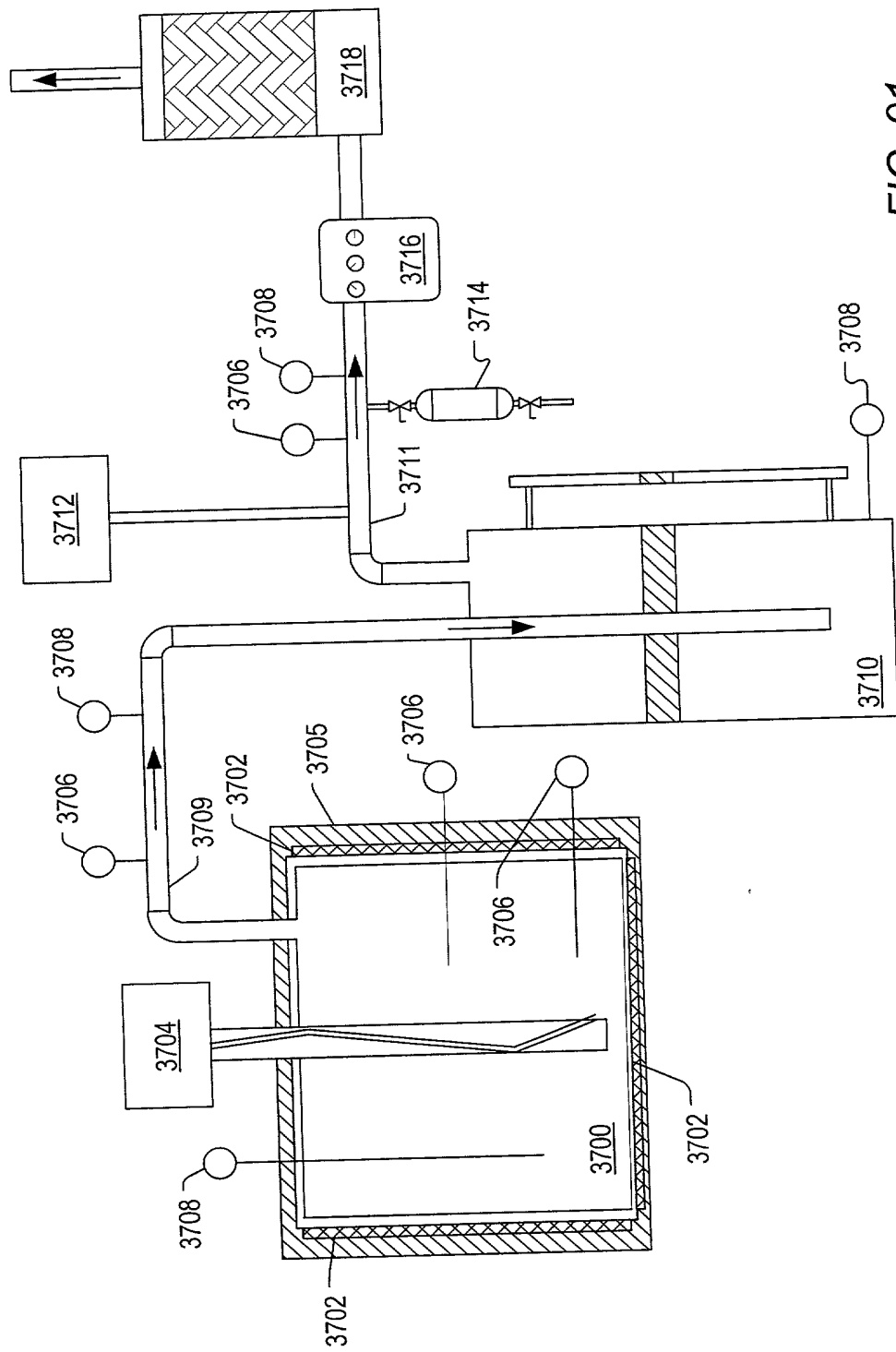


FIG. 91

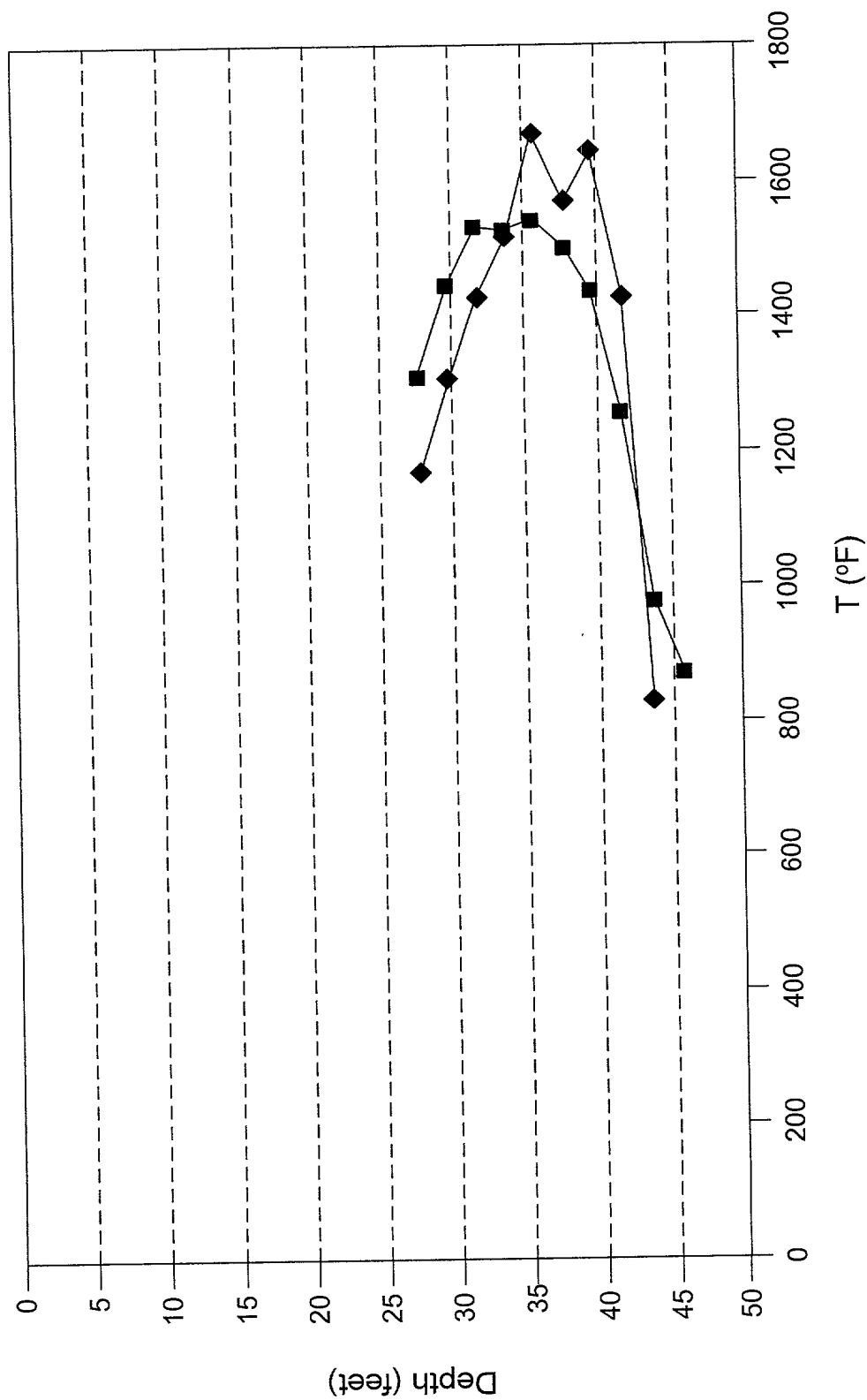


FIG. 92

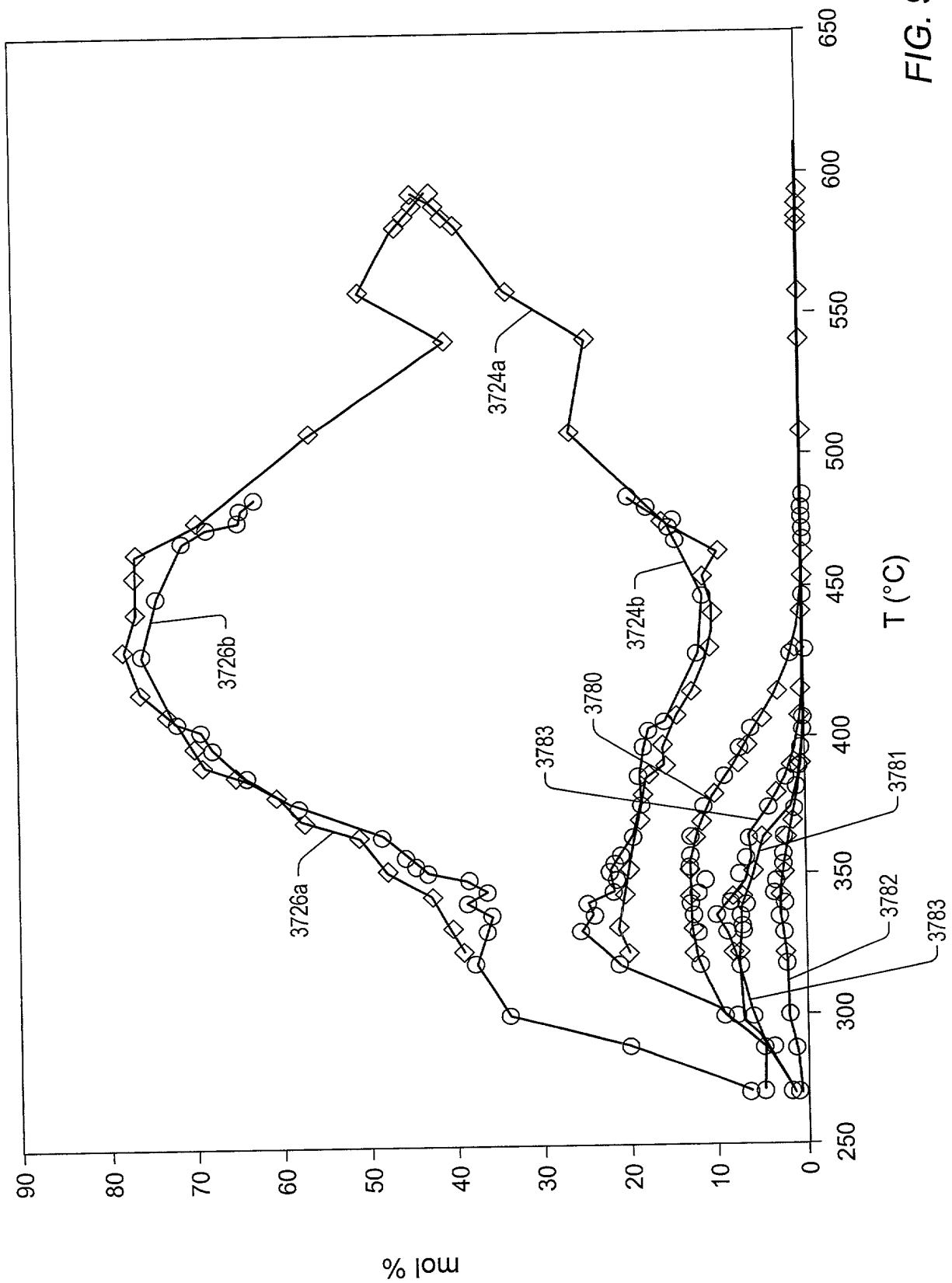


FIG. 93

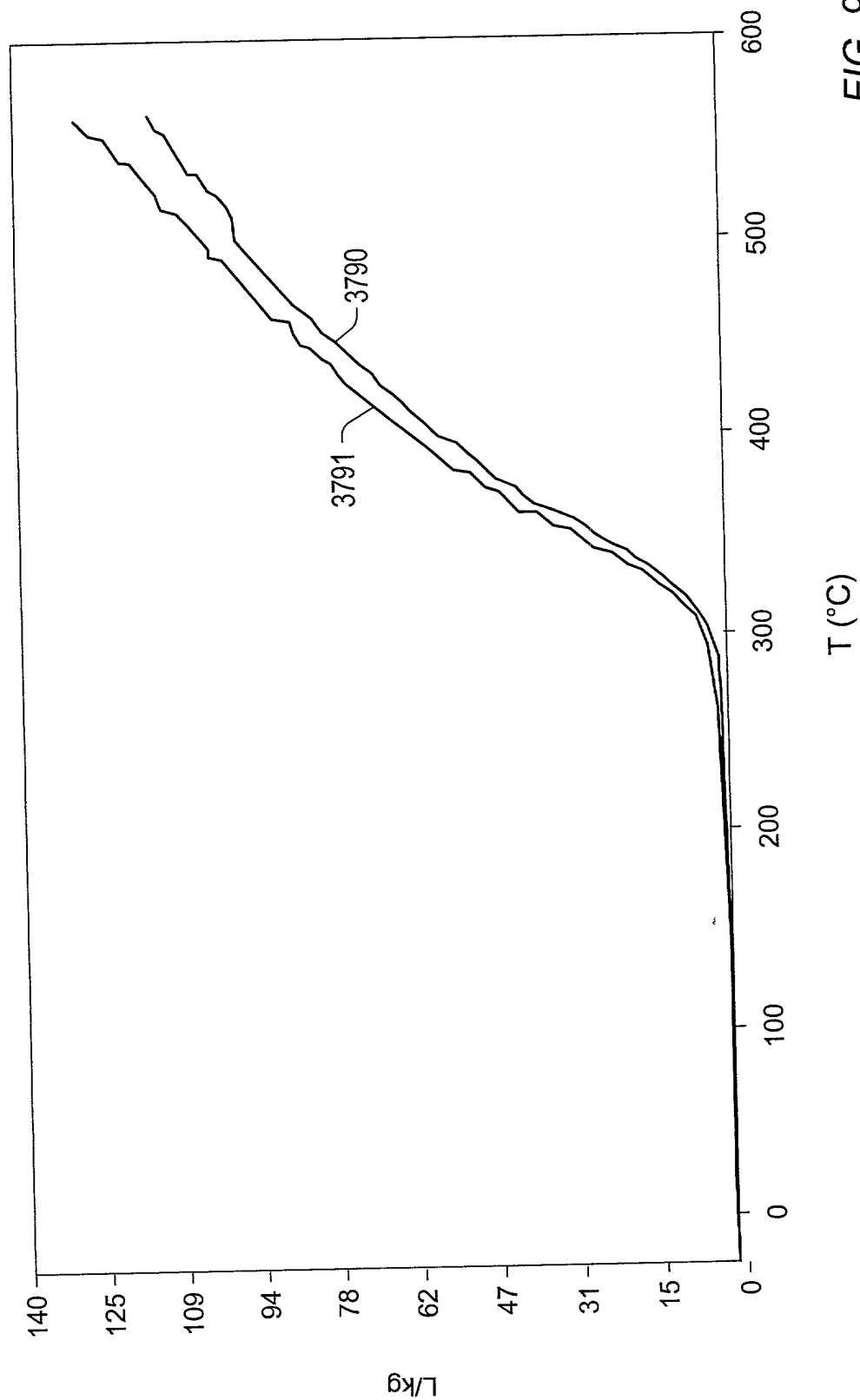


FIG. 94

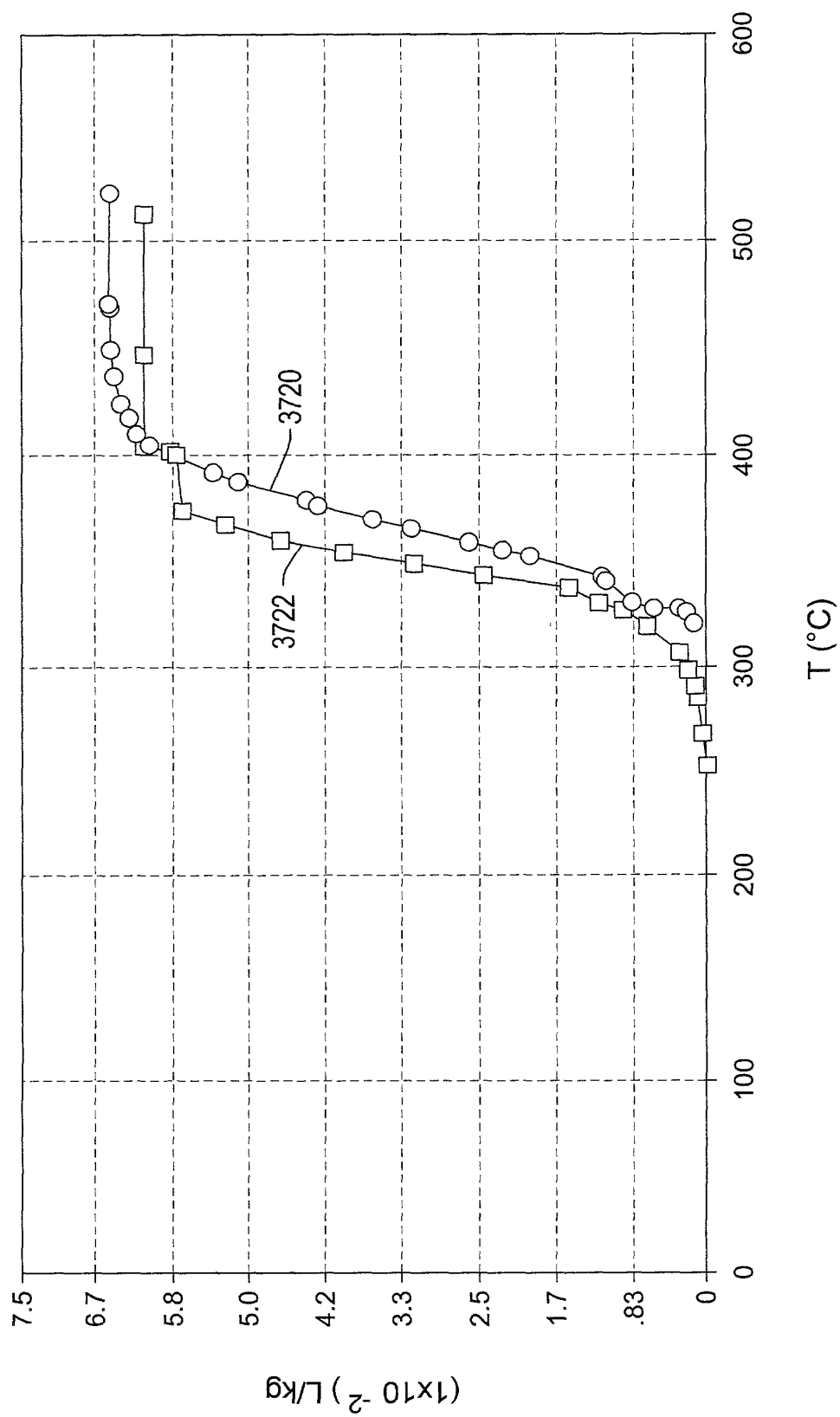


FIG. 95



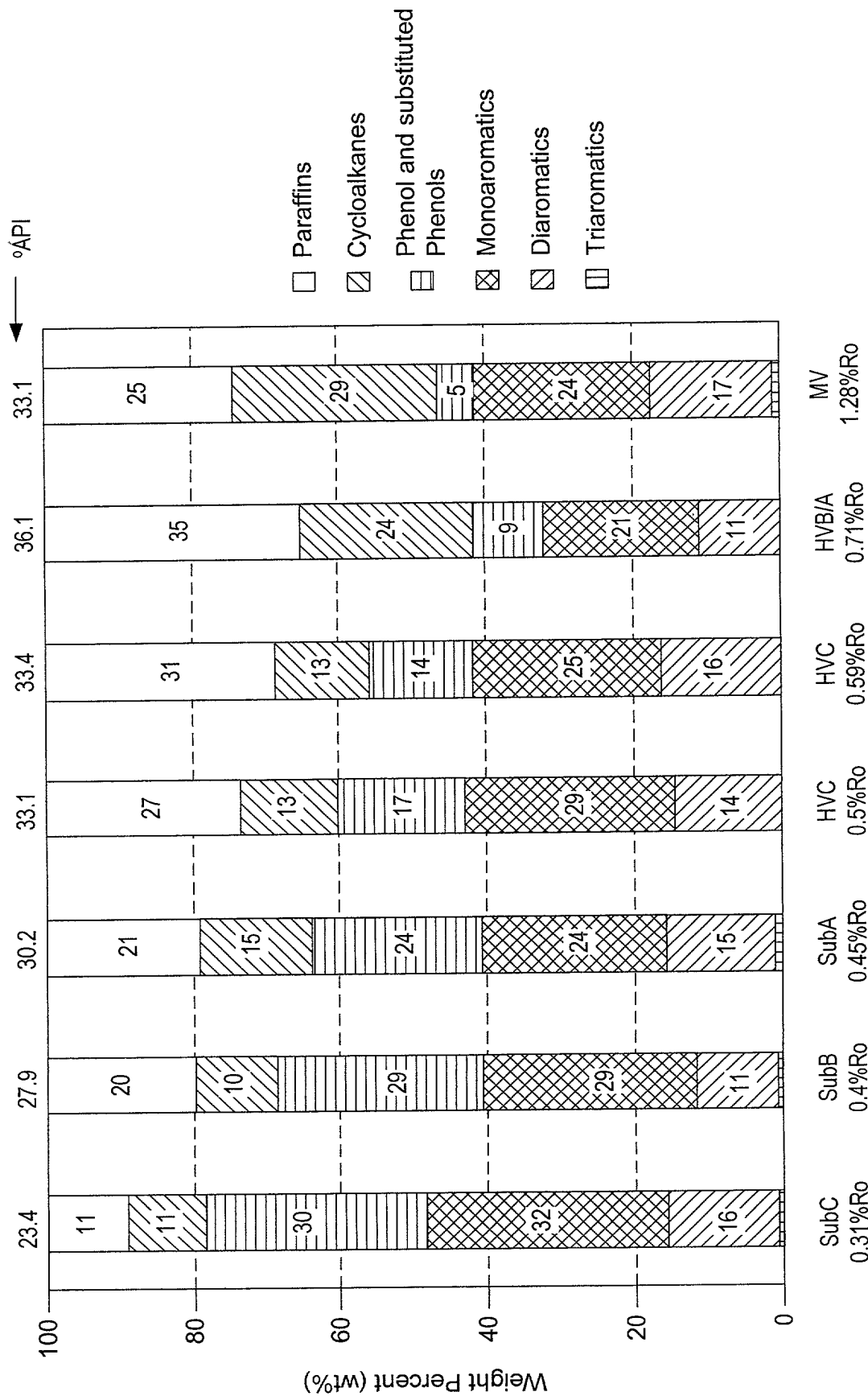


FIG. 96

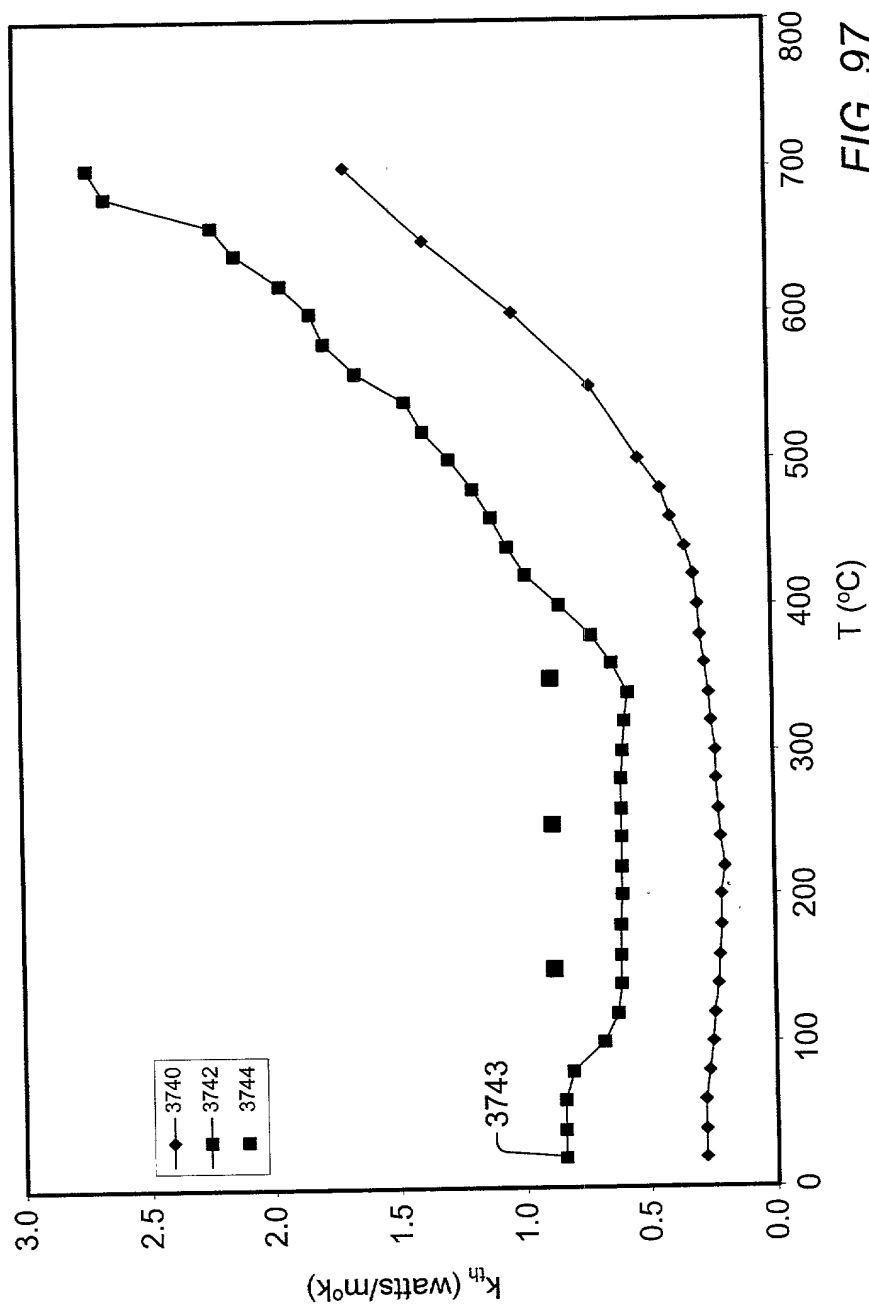


FIG. 97

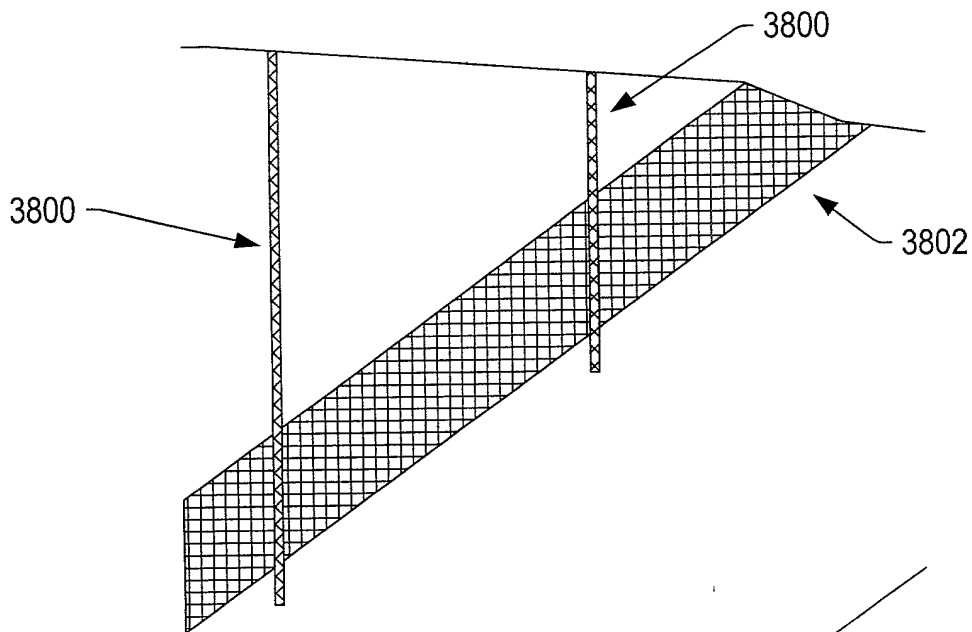


FIG. 98

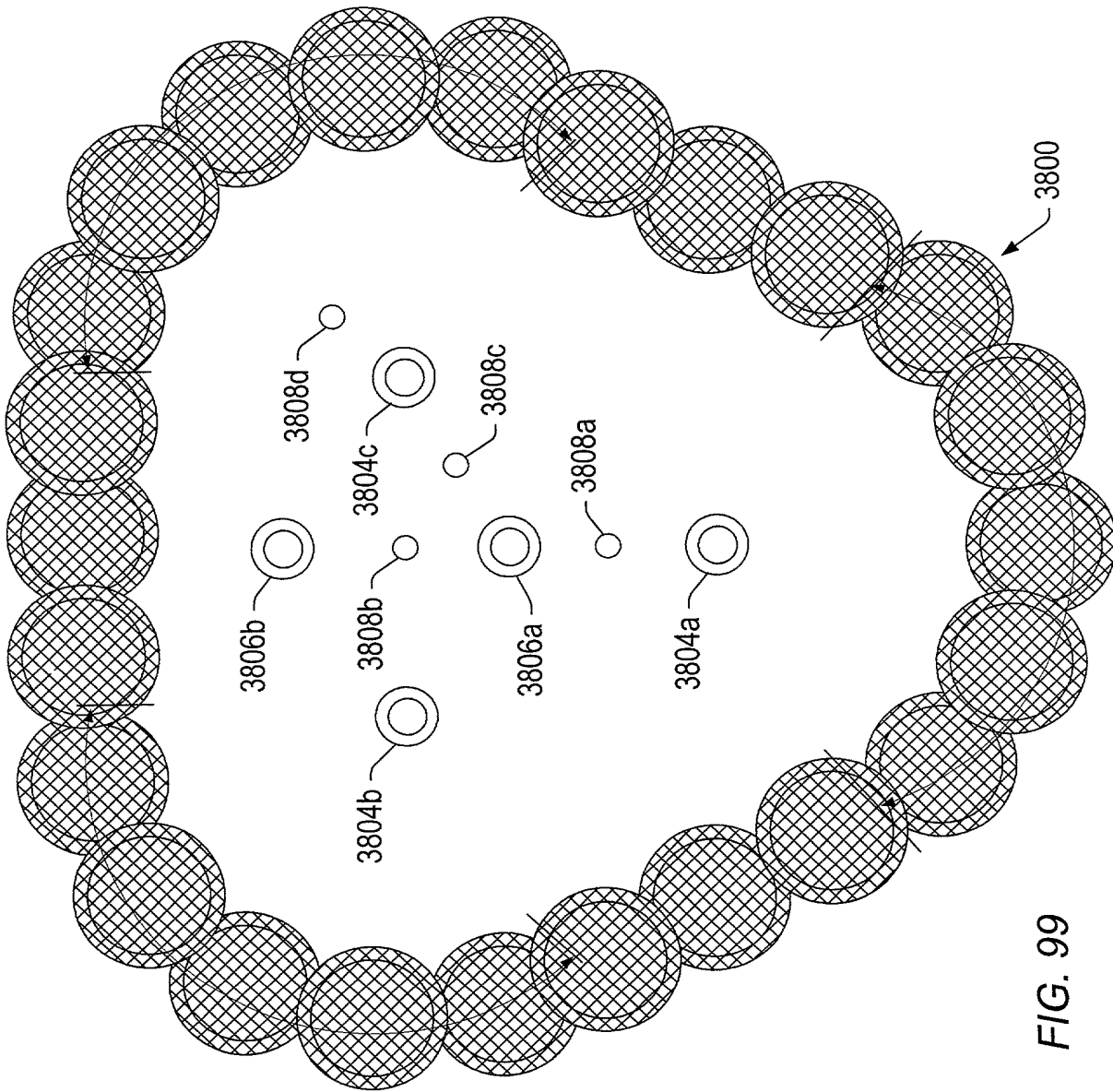


FIG. 99

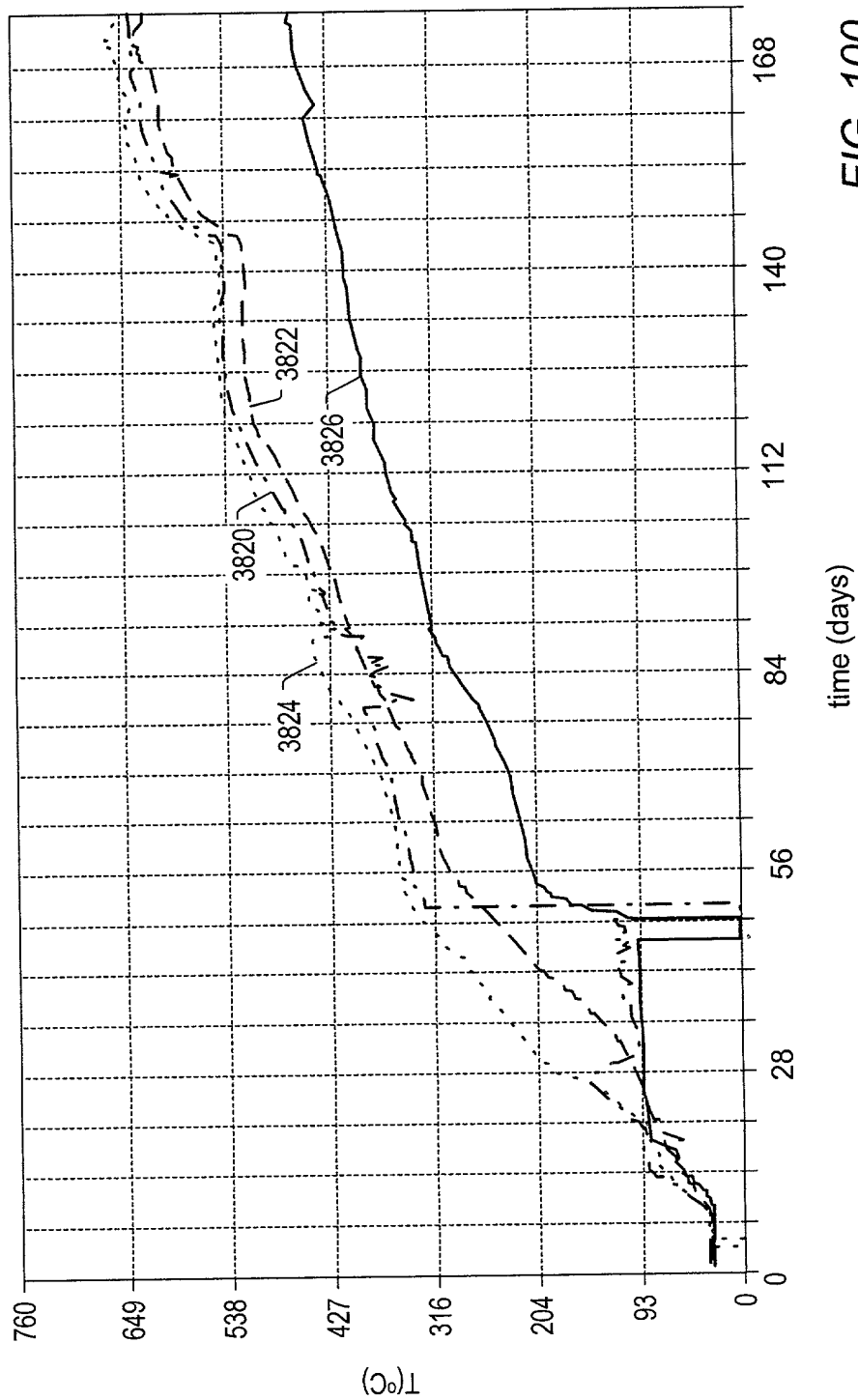


FIG. 100

FIG. 101

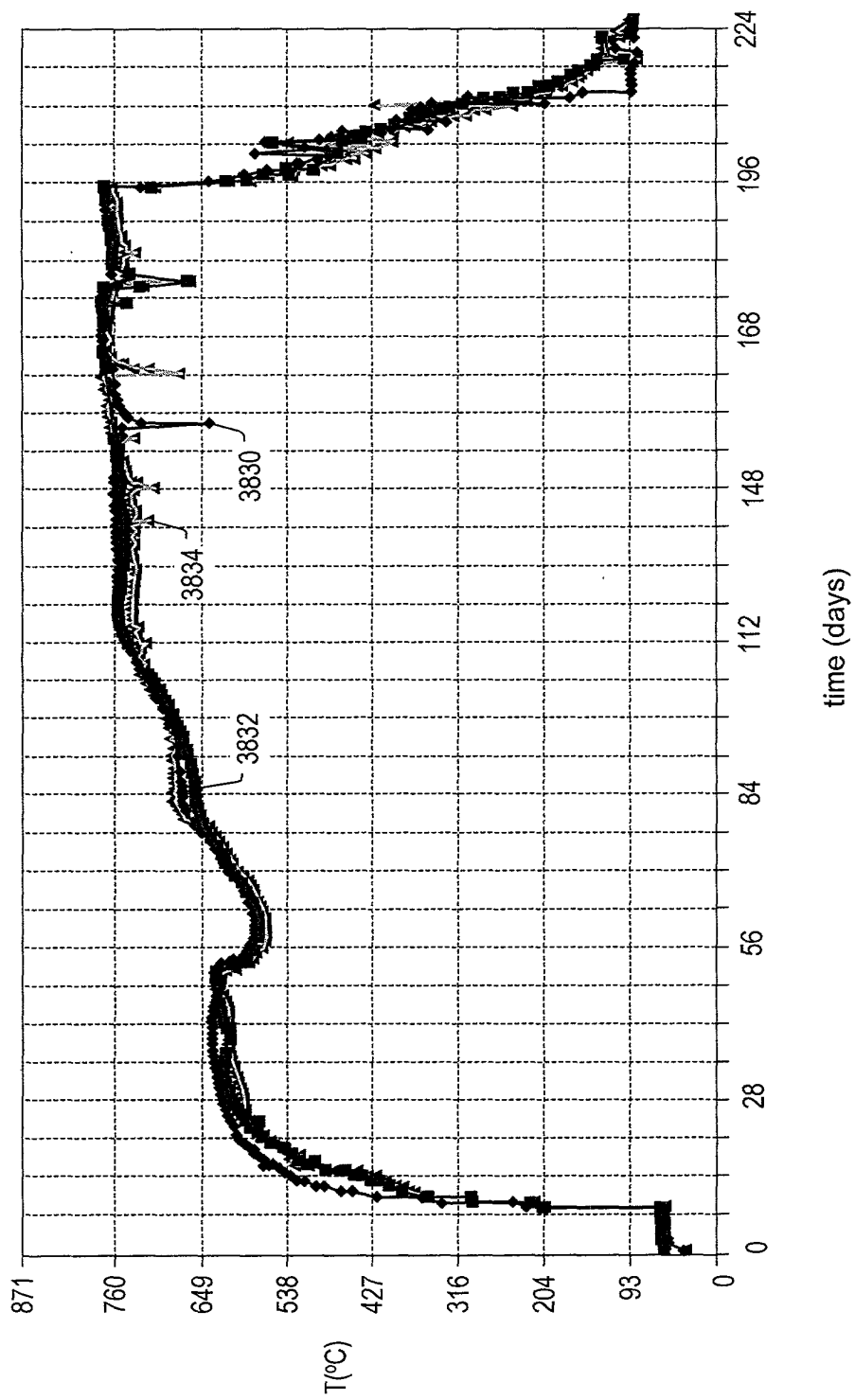


FIG. 101

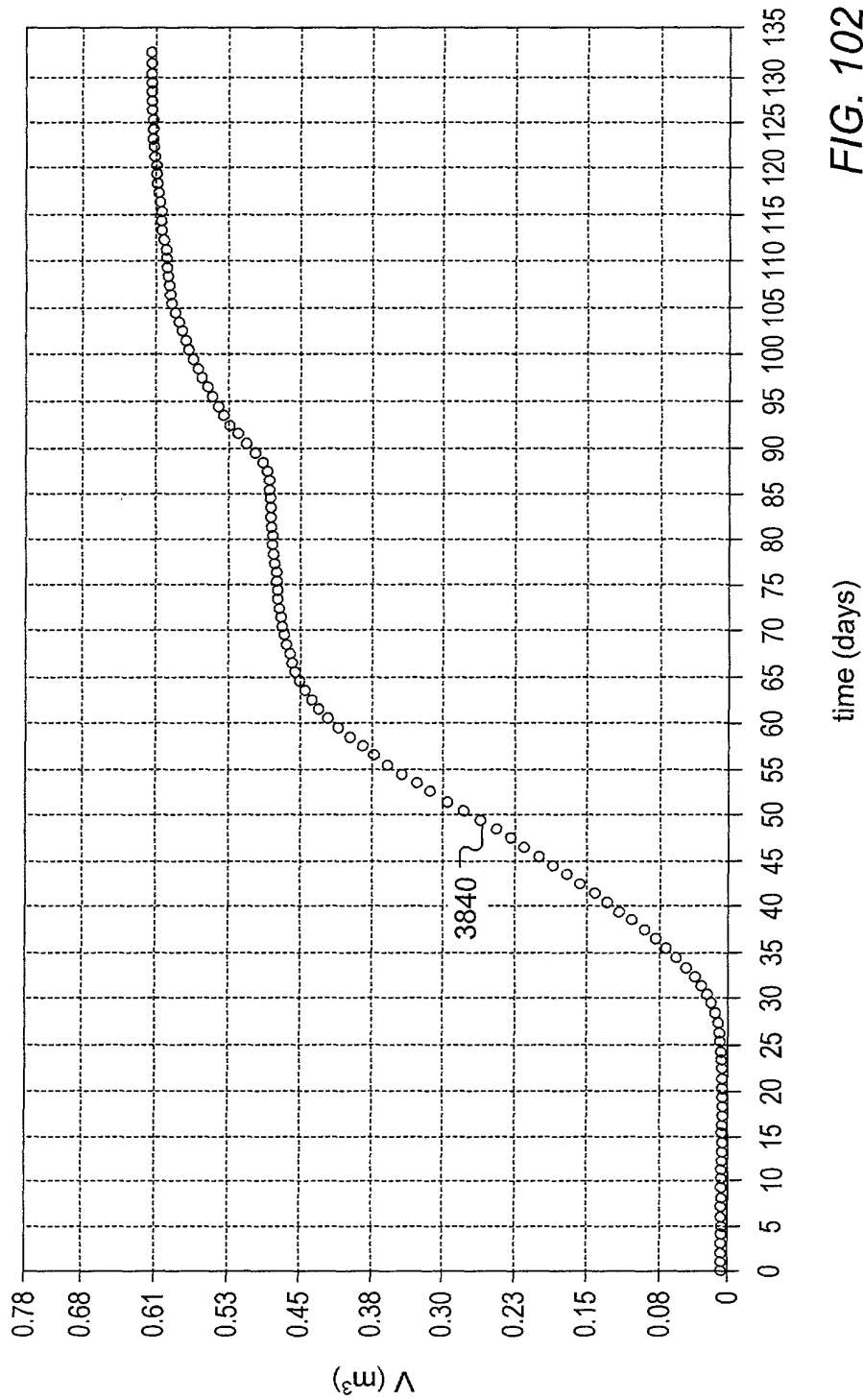


FIG. 102

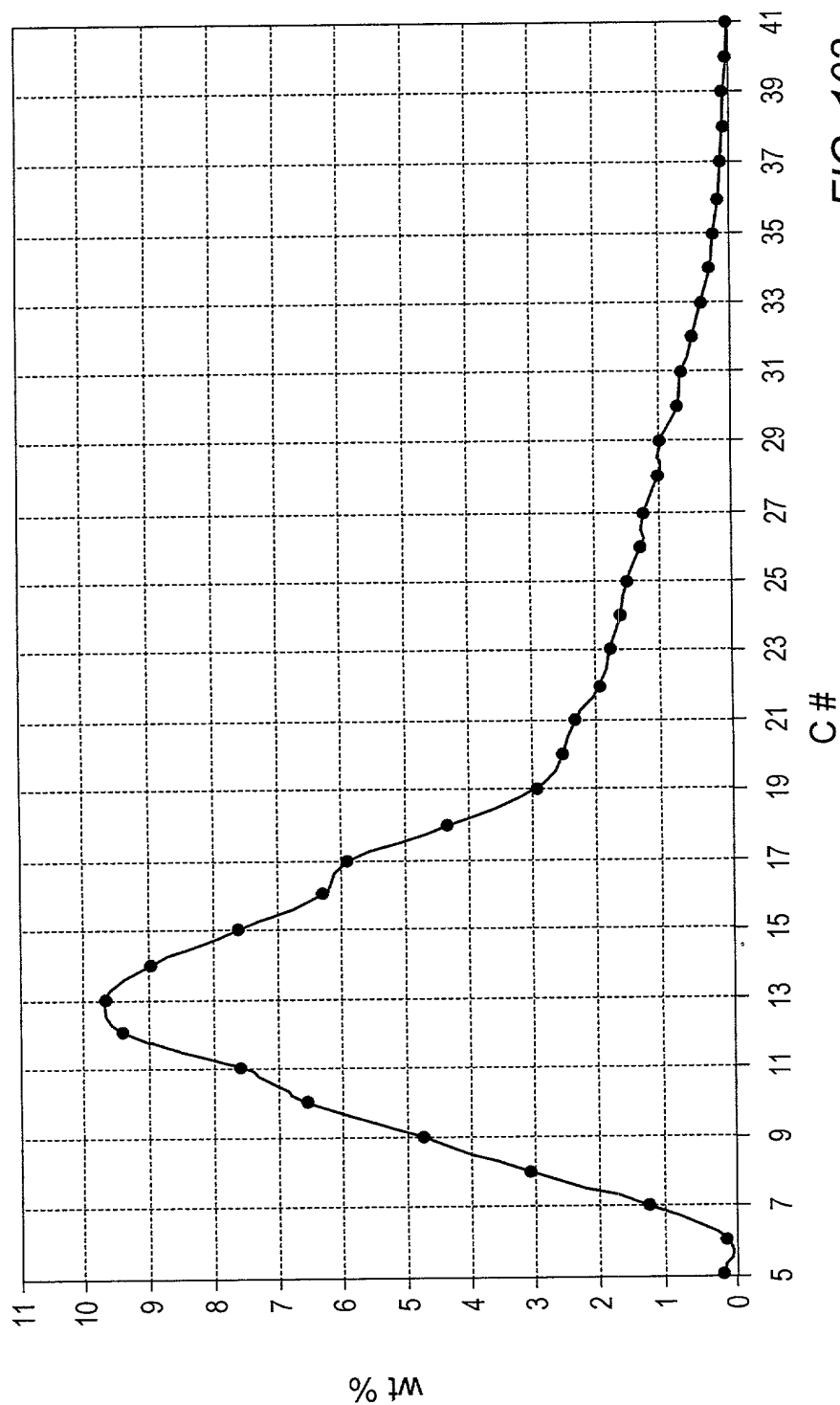


FIG. 103



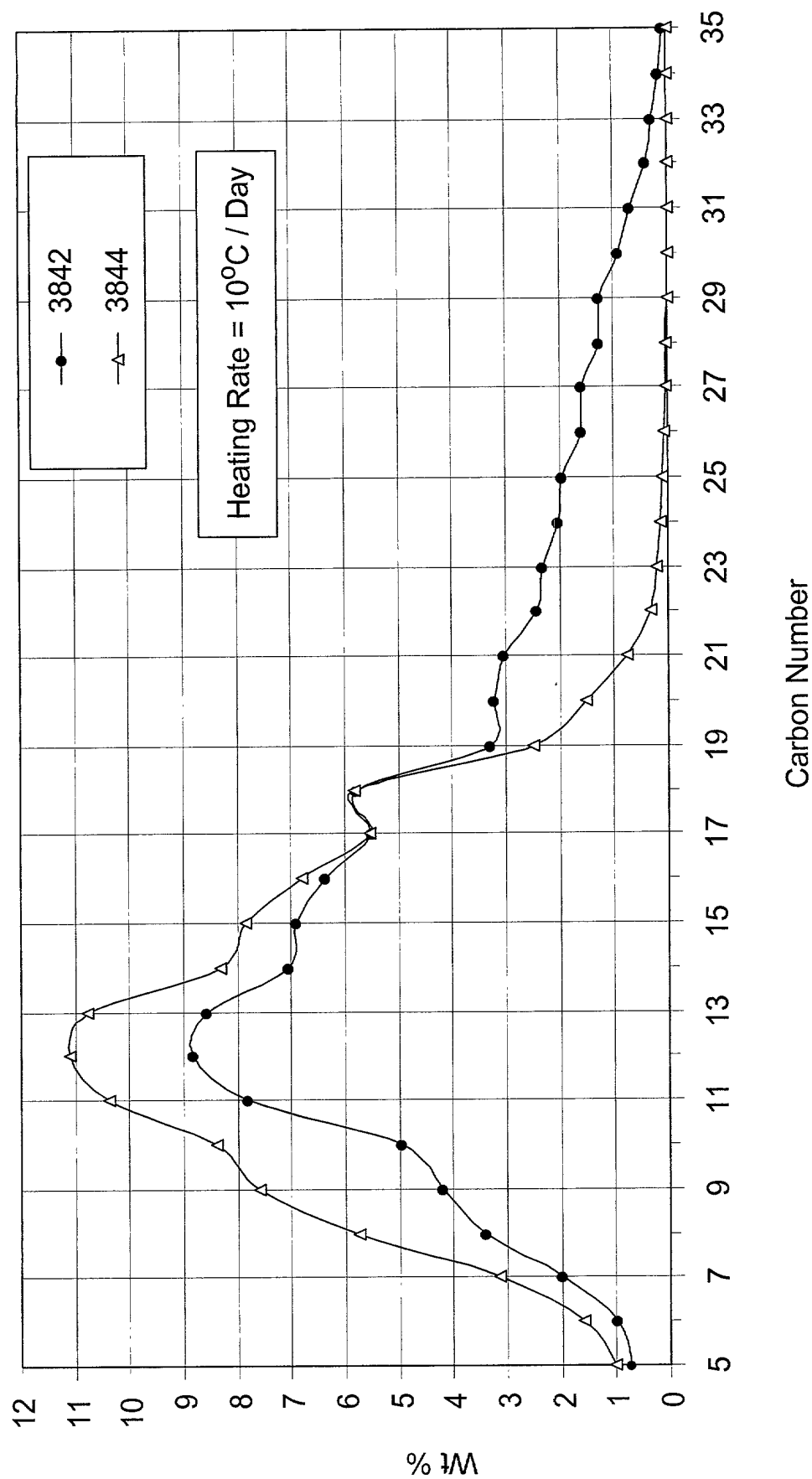


FIG. 104

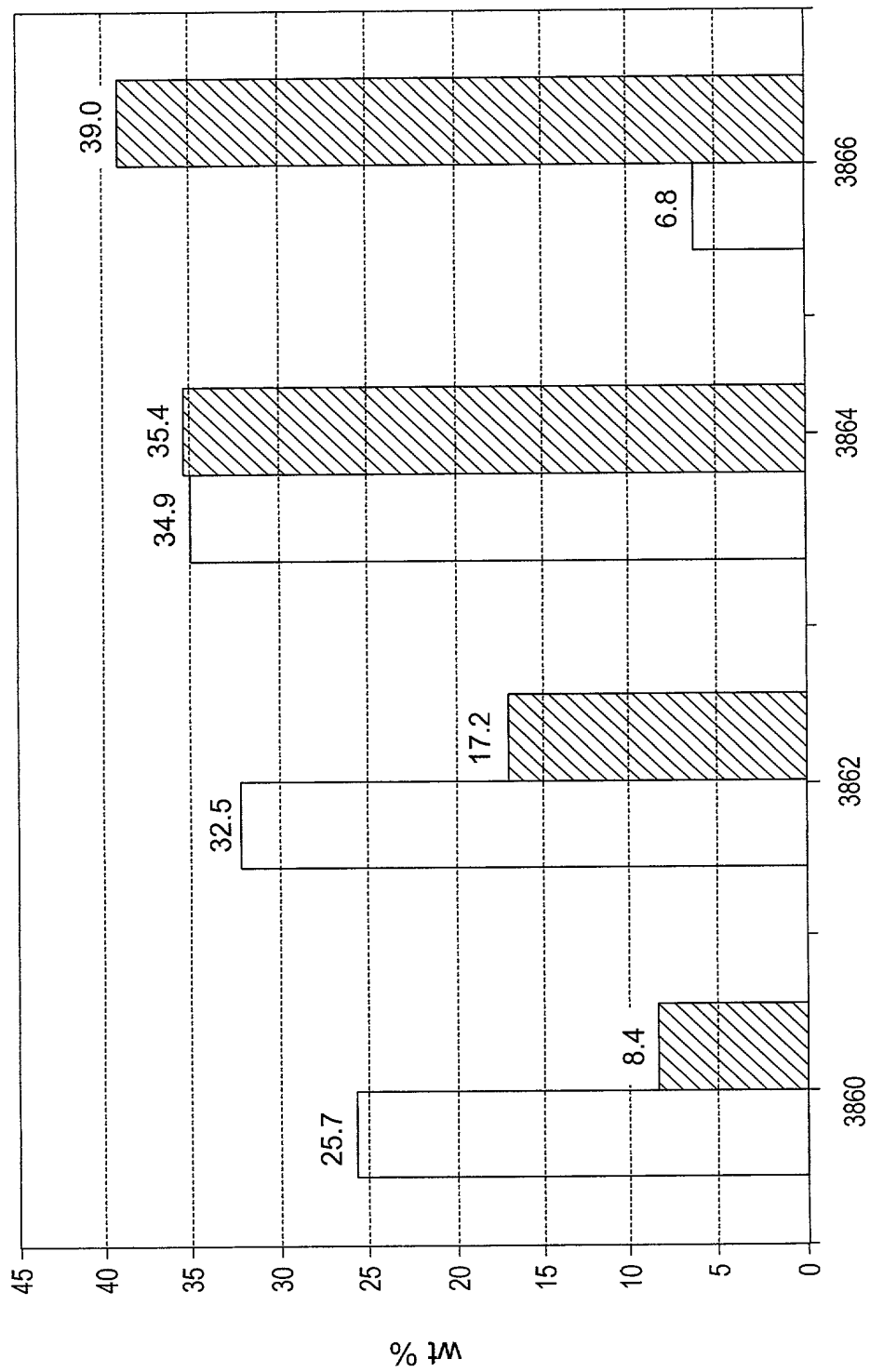


FIG. 105

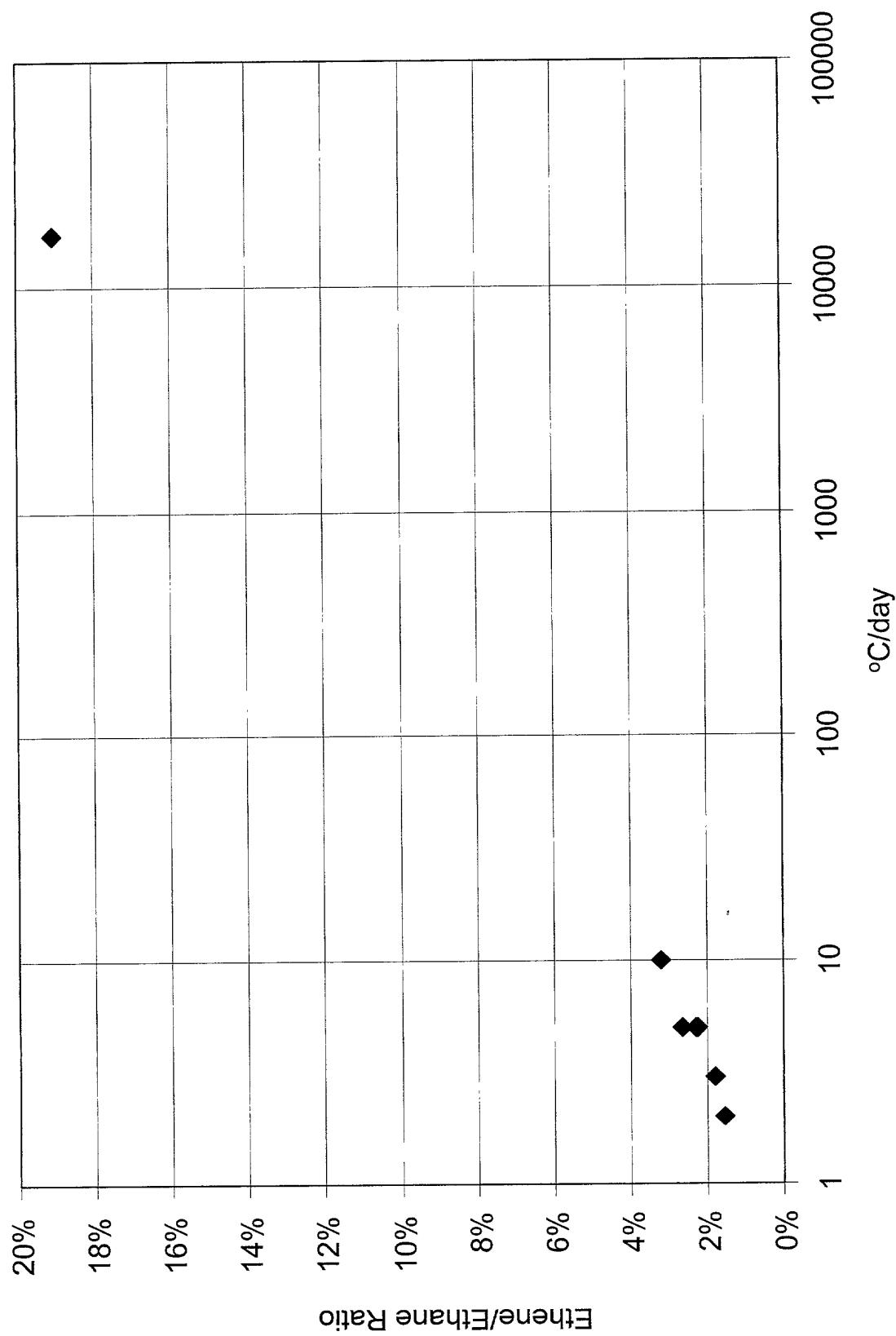


FIG. 106

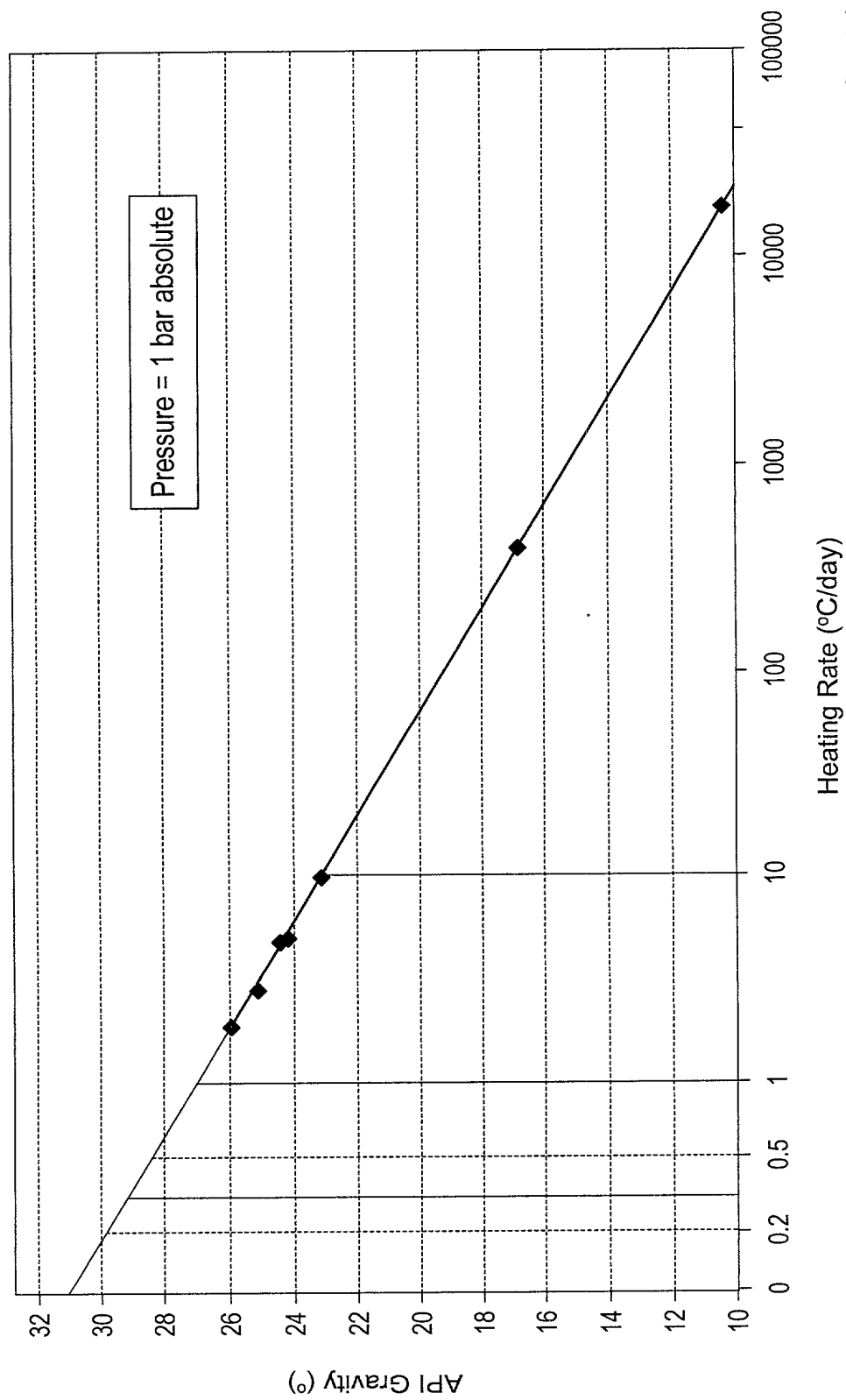


FIG. 107

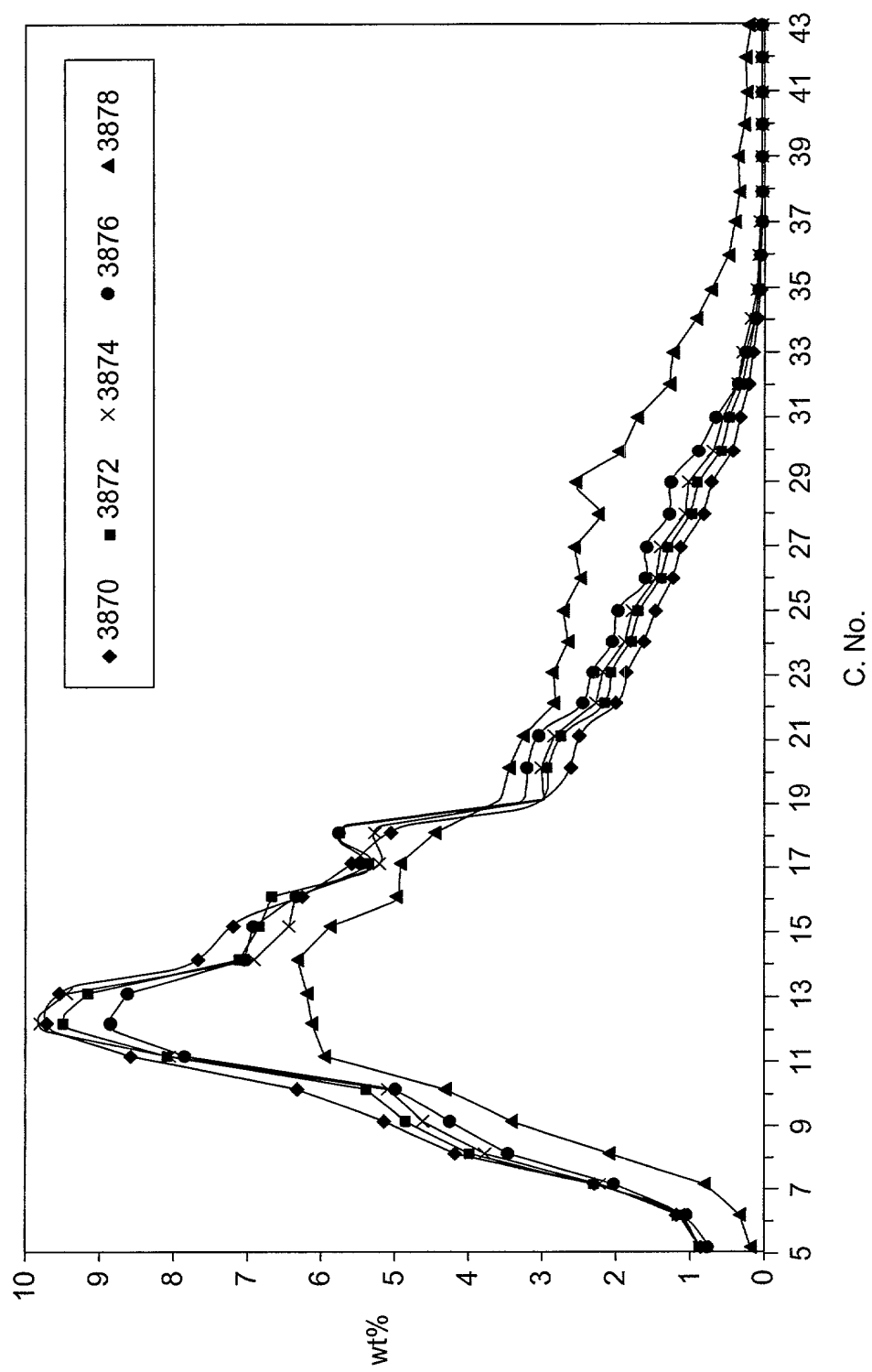


FIG. 108



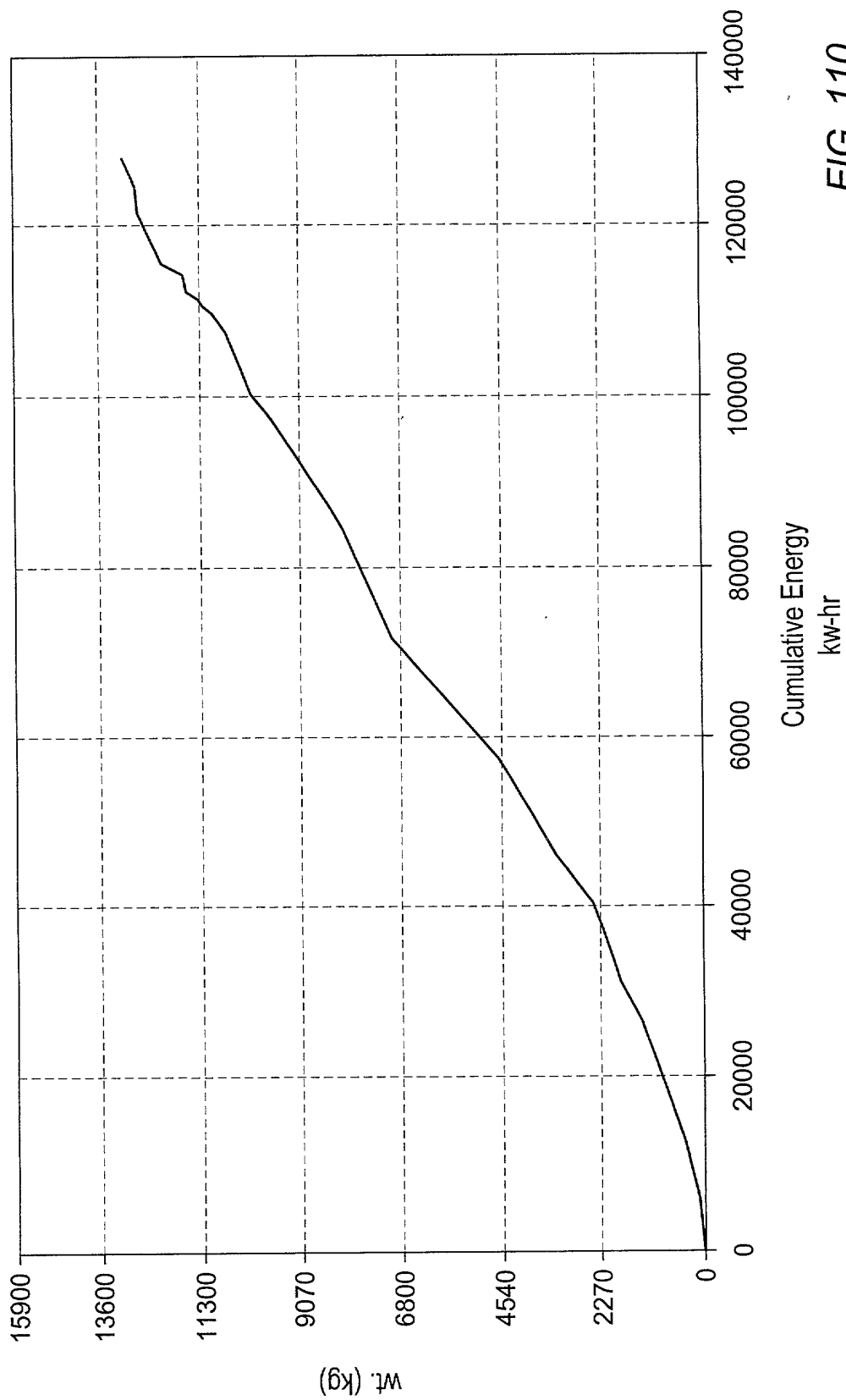


FIG. 110

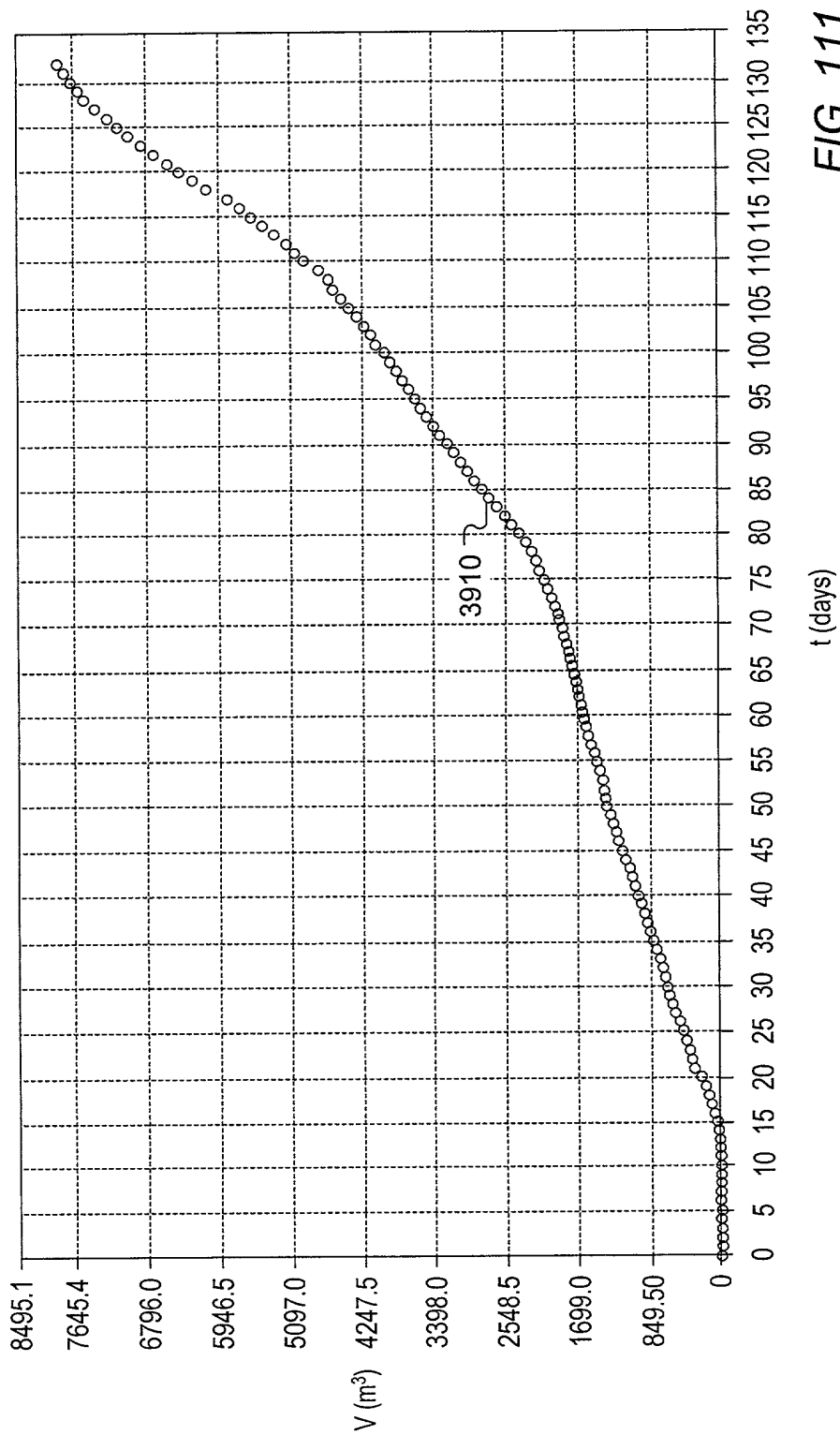


FIG. 111



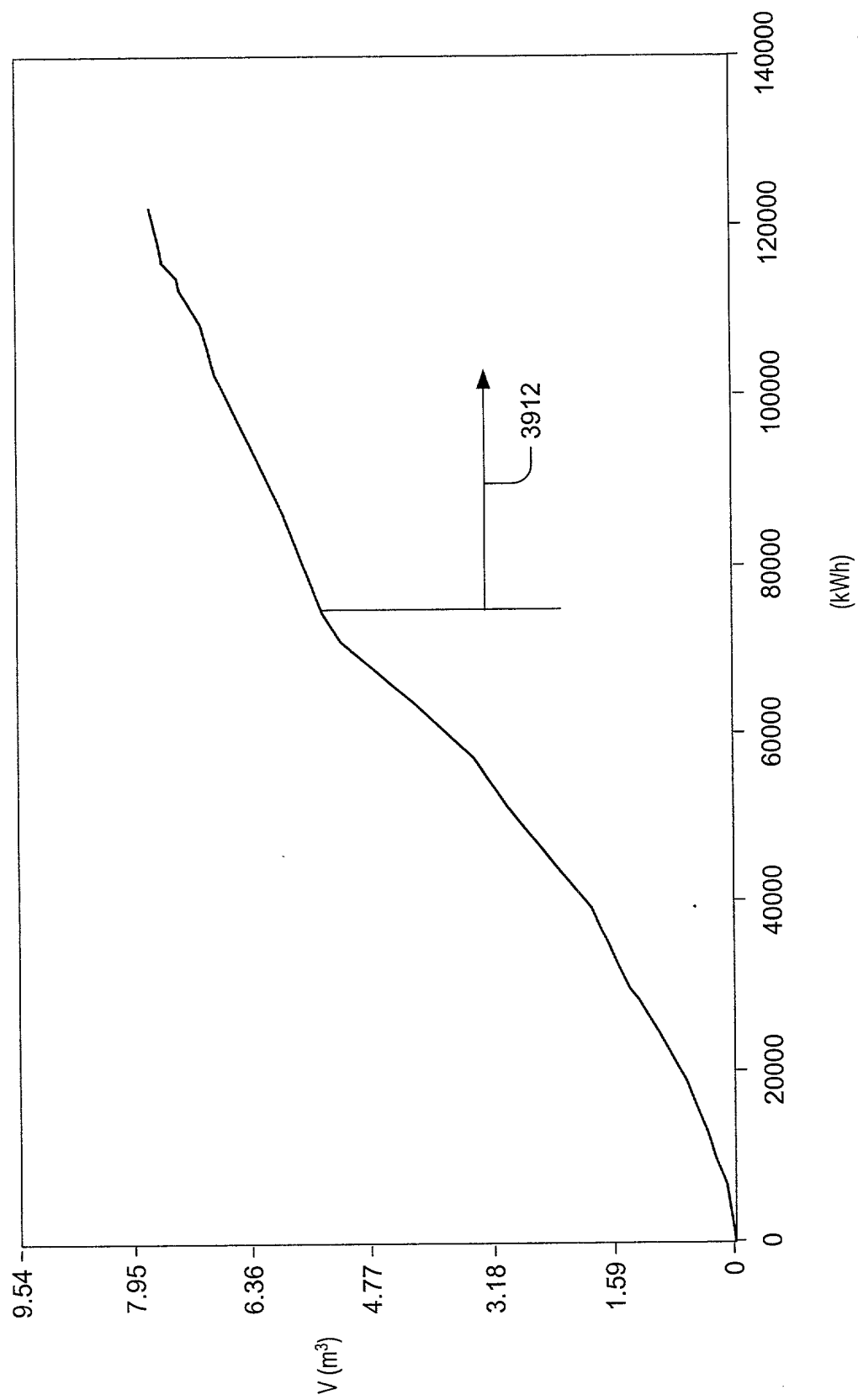


FIG. 112

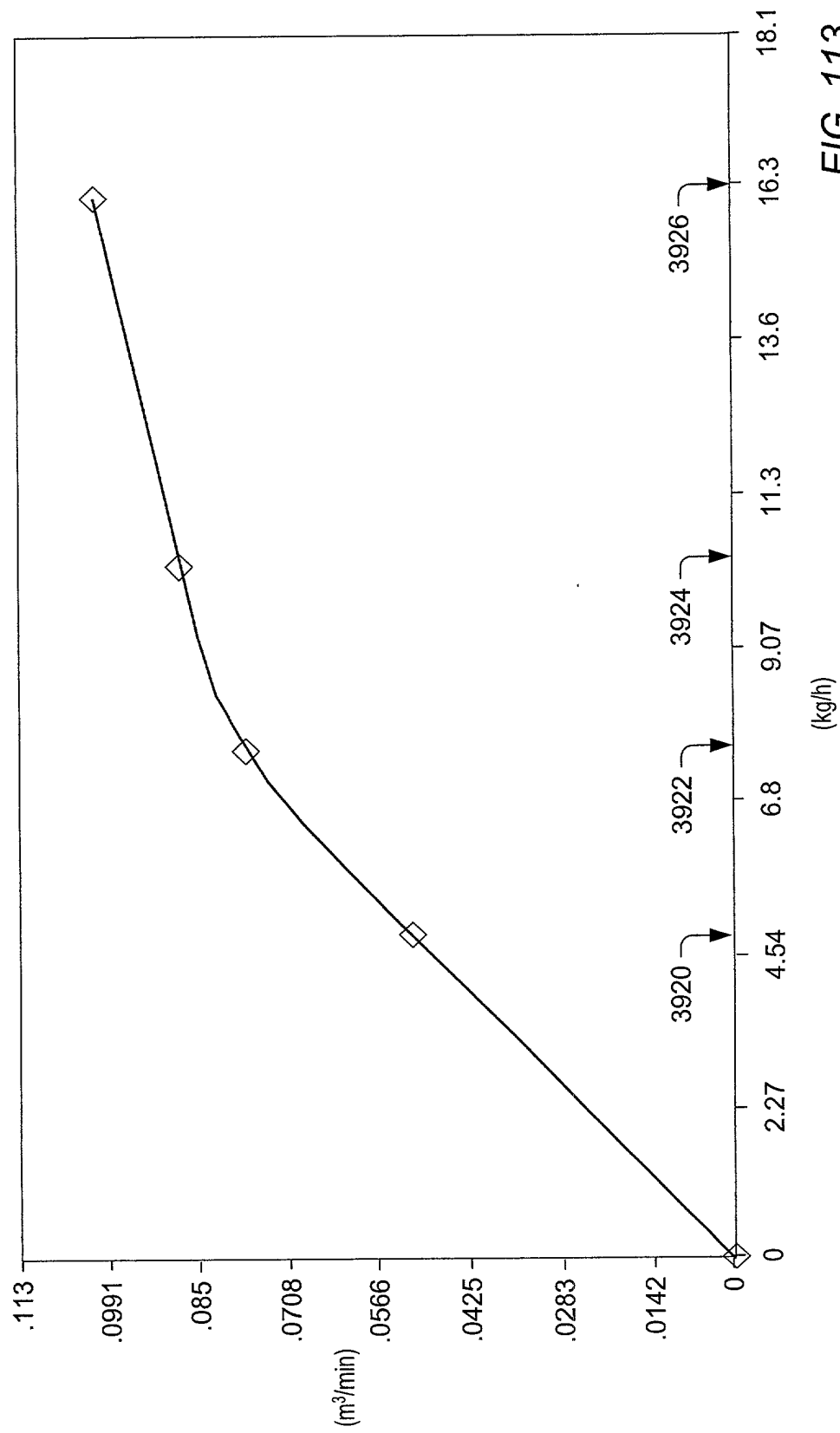


FIG. 113

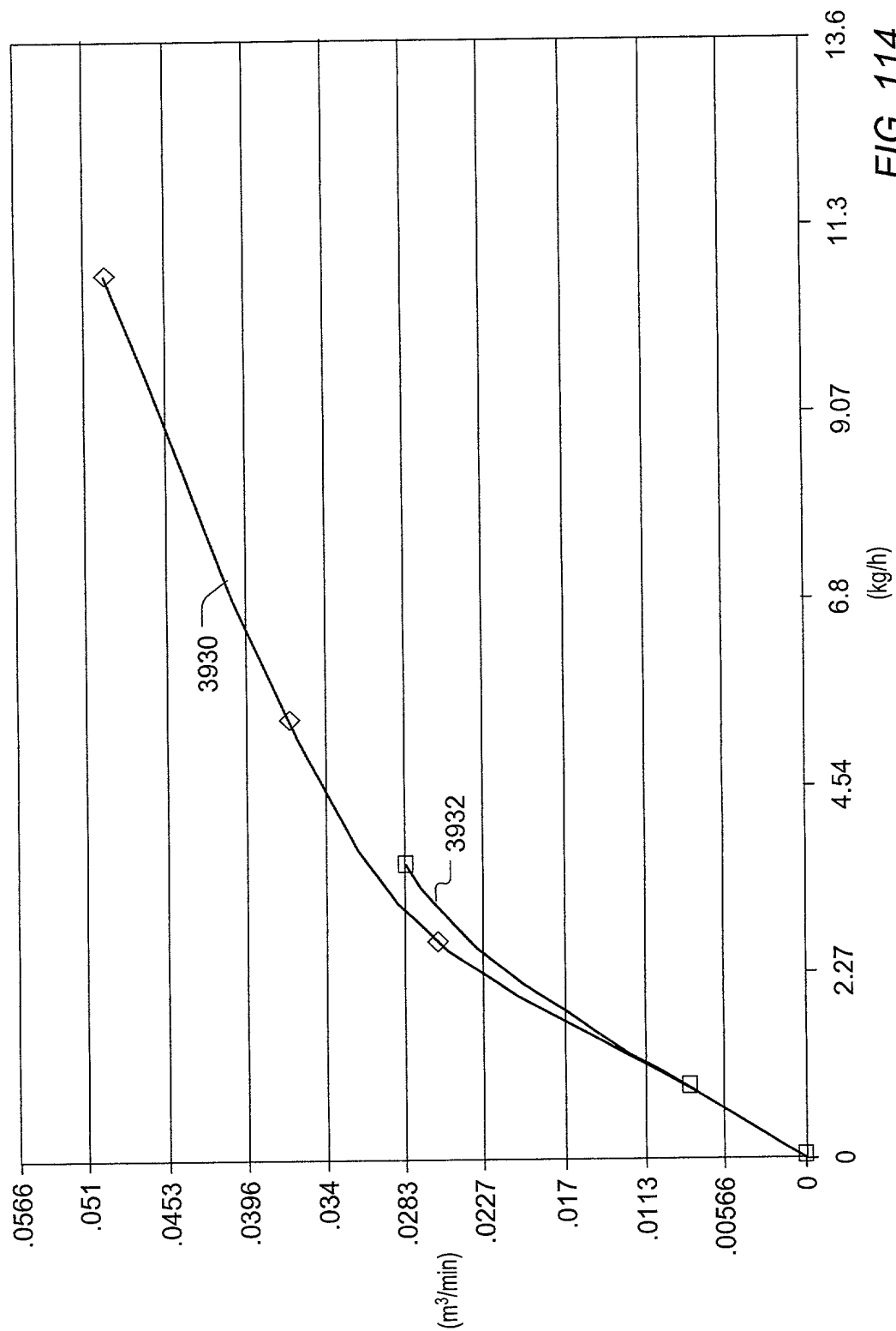


FIG. 114

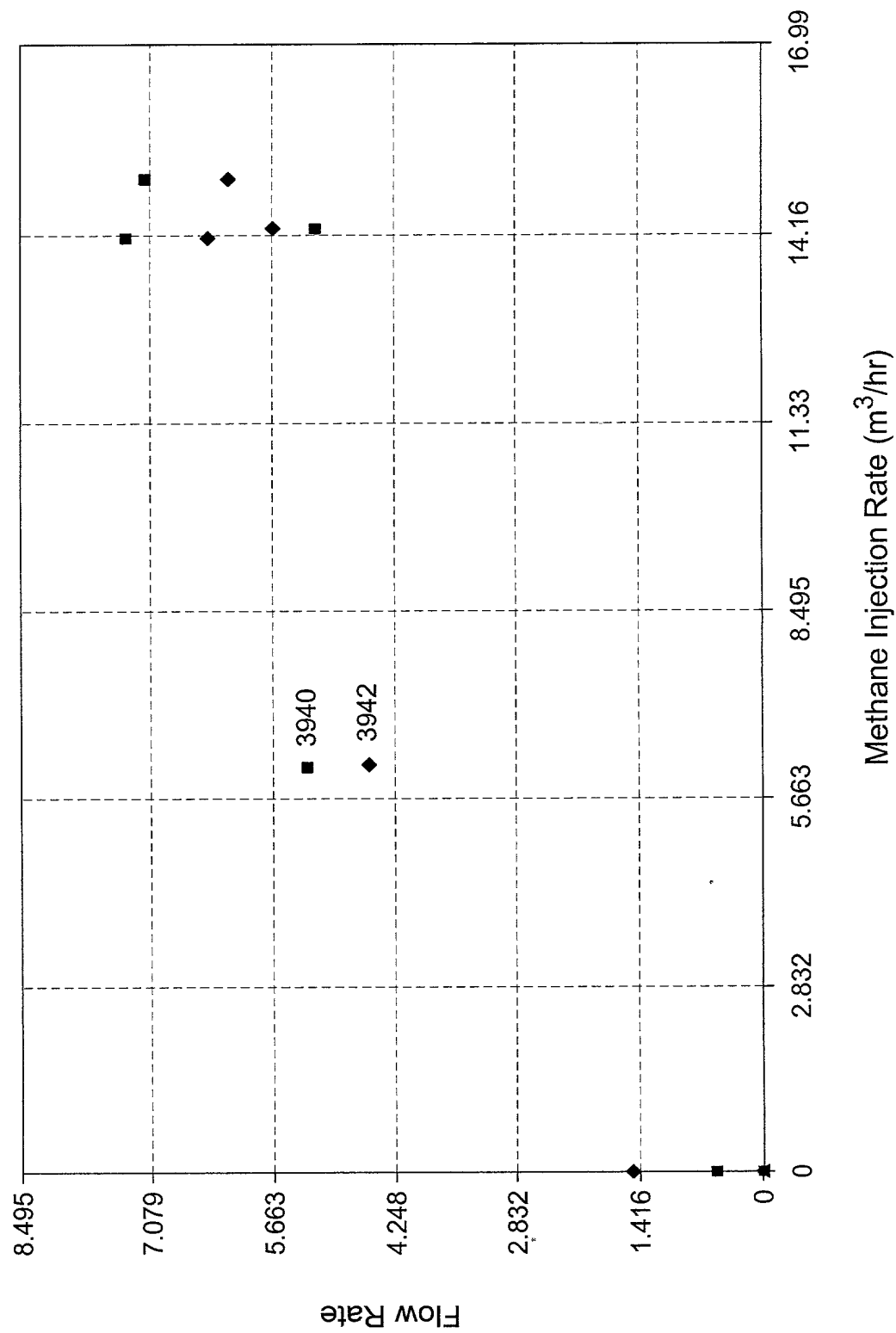


FIG. 115

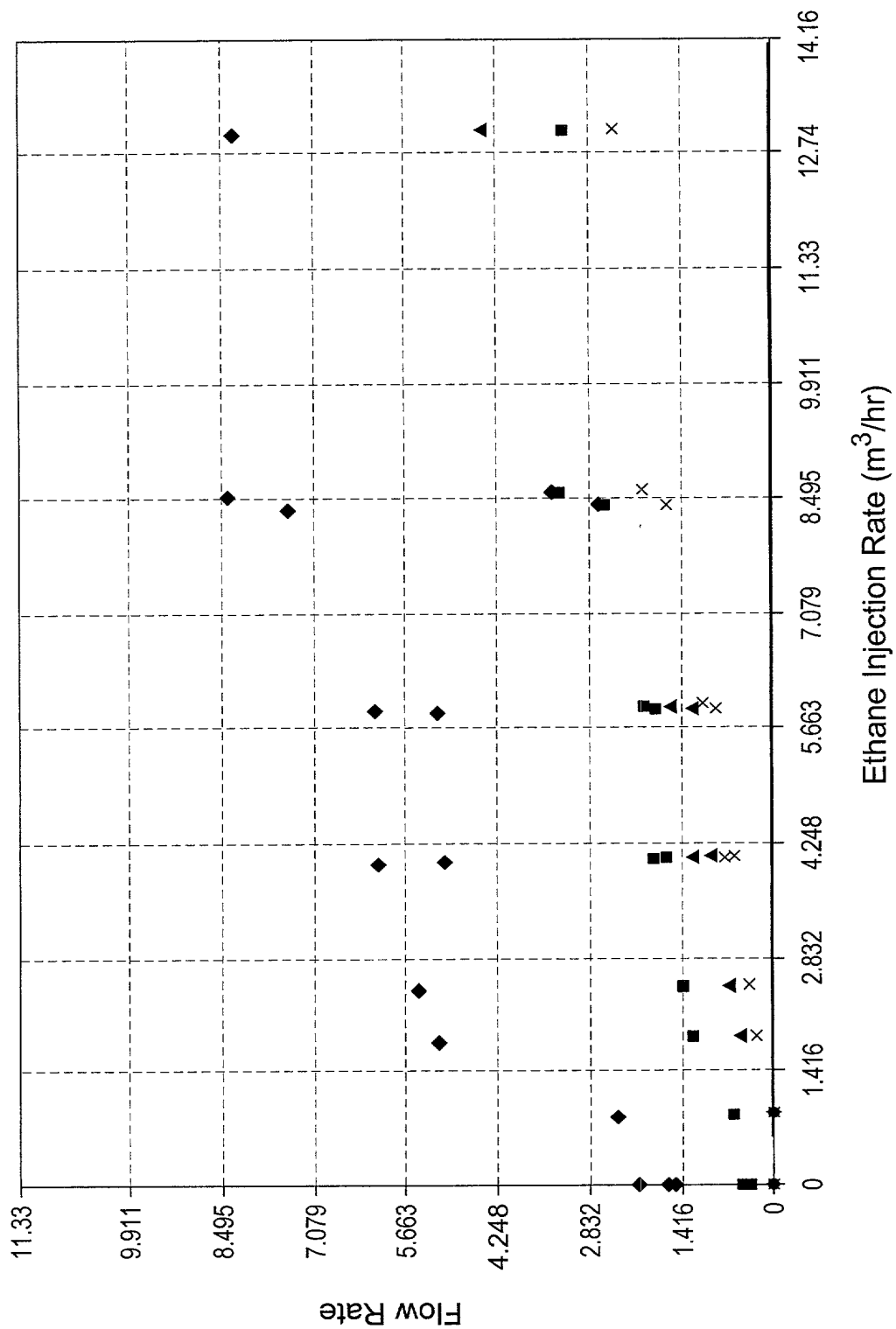


FIG. 116

# Flow Rate

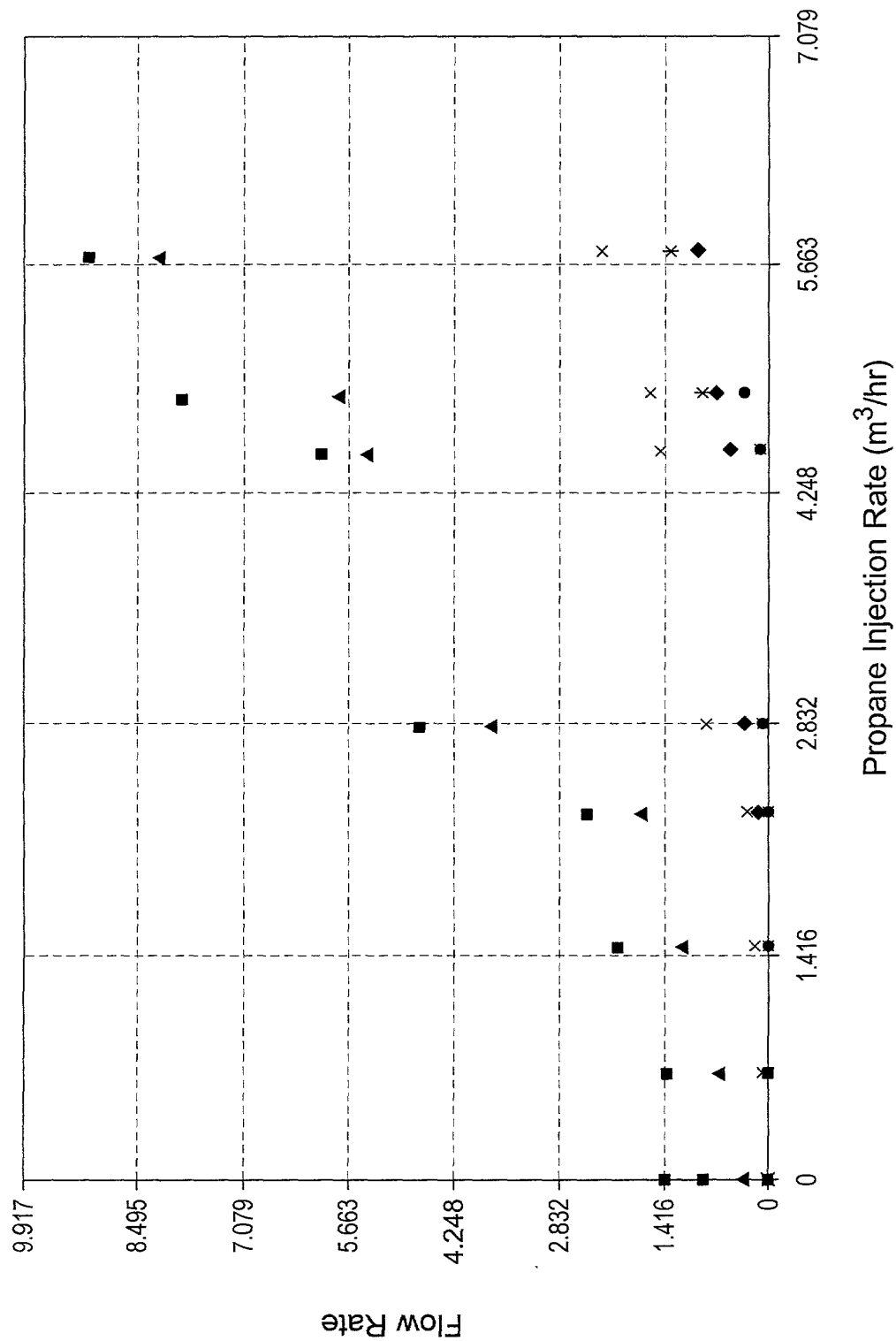


FIG. 117

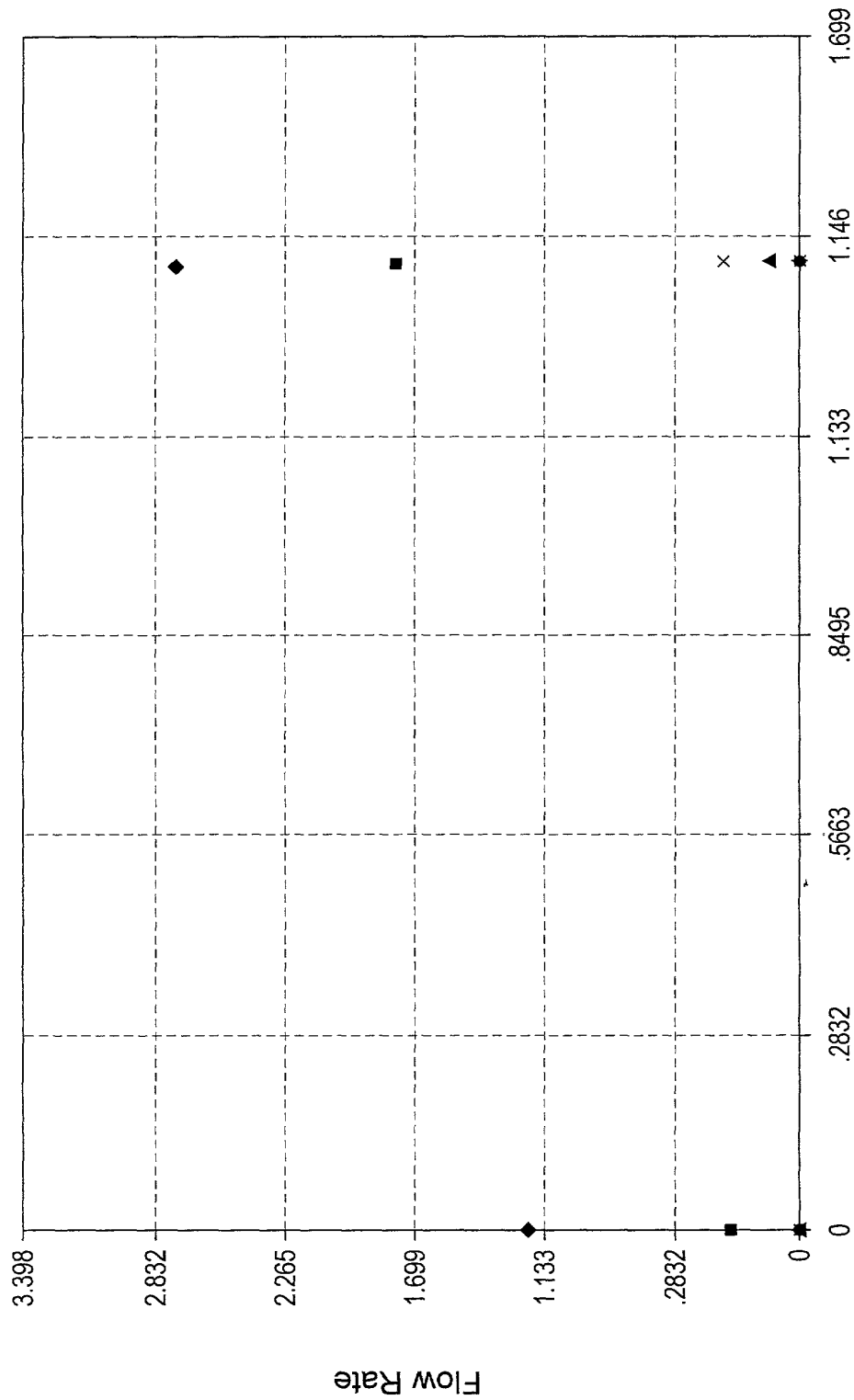


FIG. 118

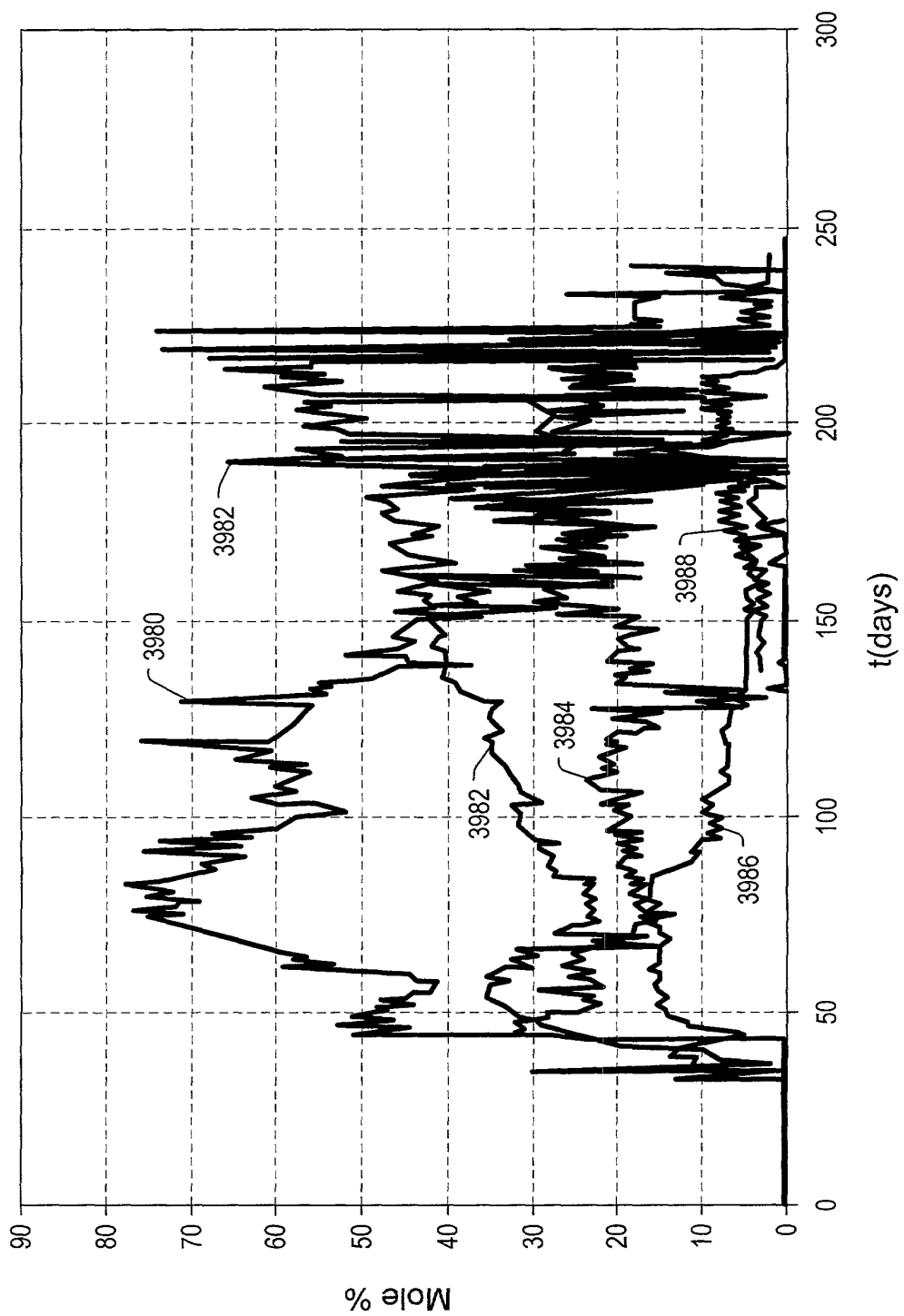


FIG. 119



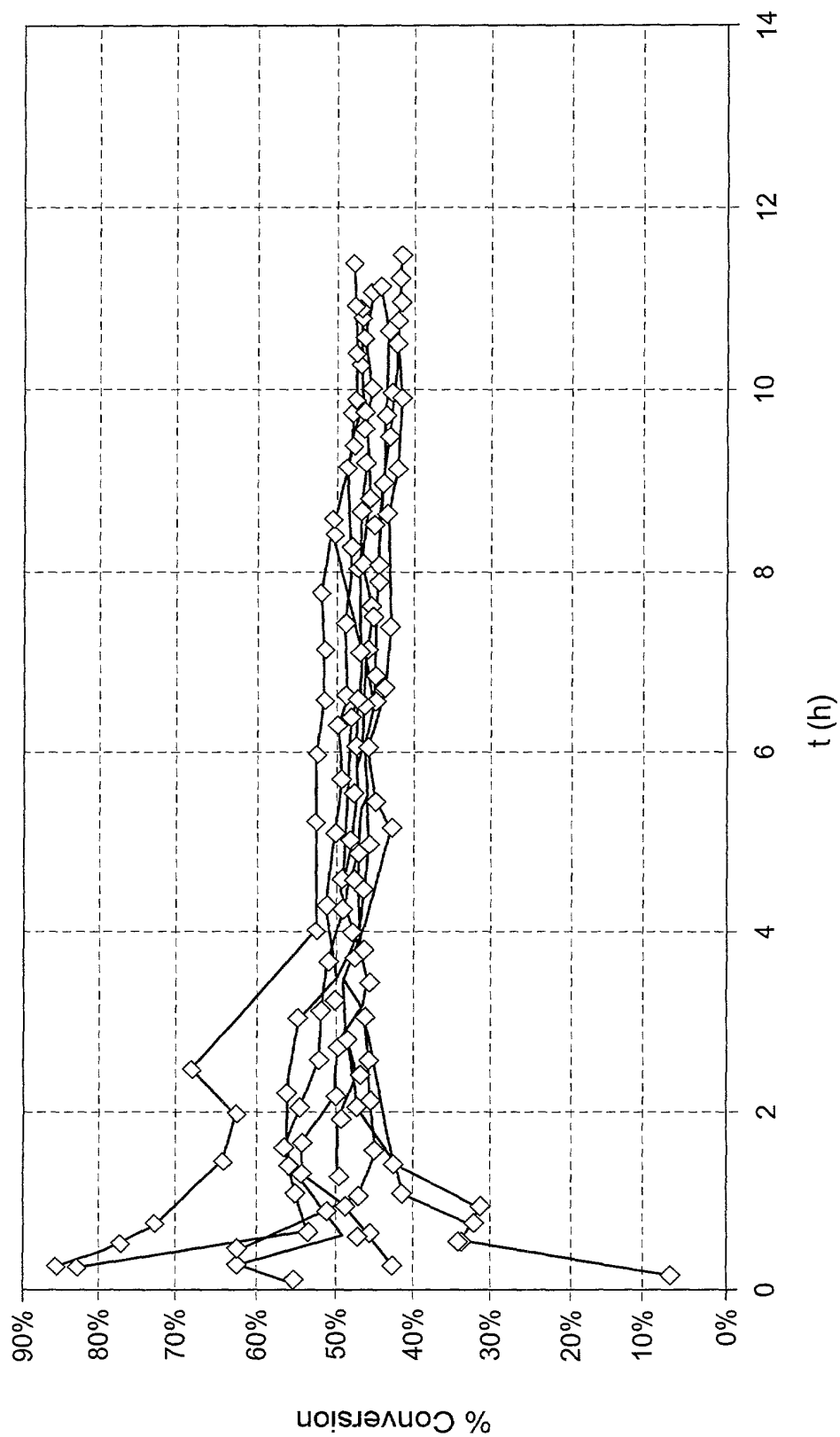


FIG. 120

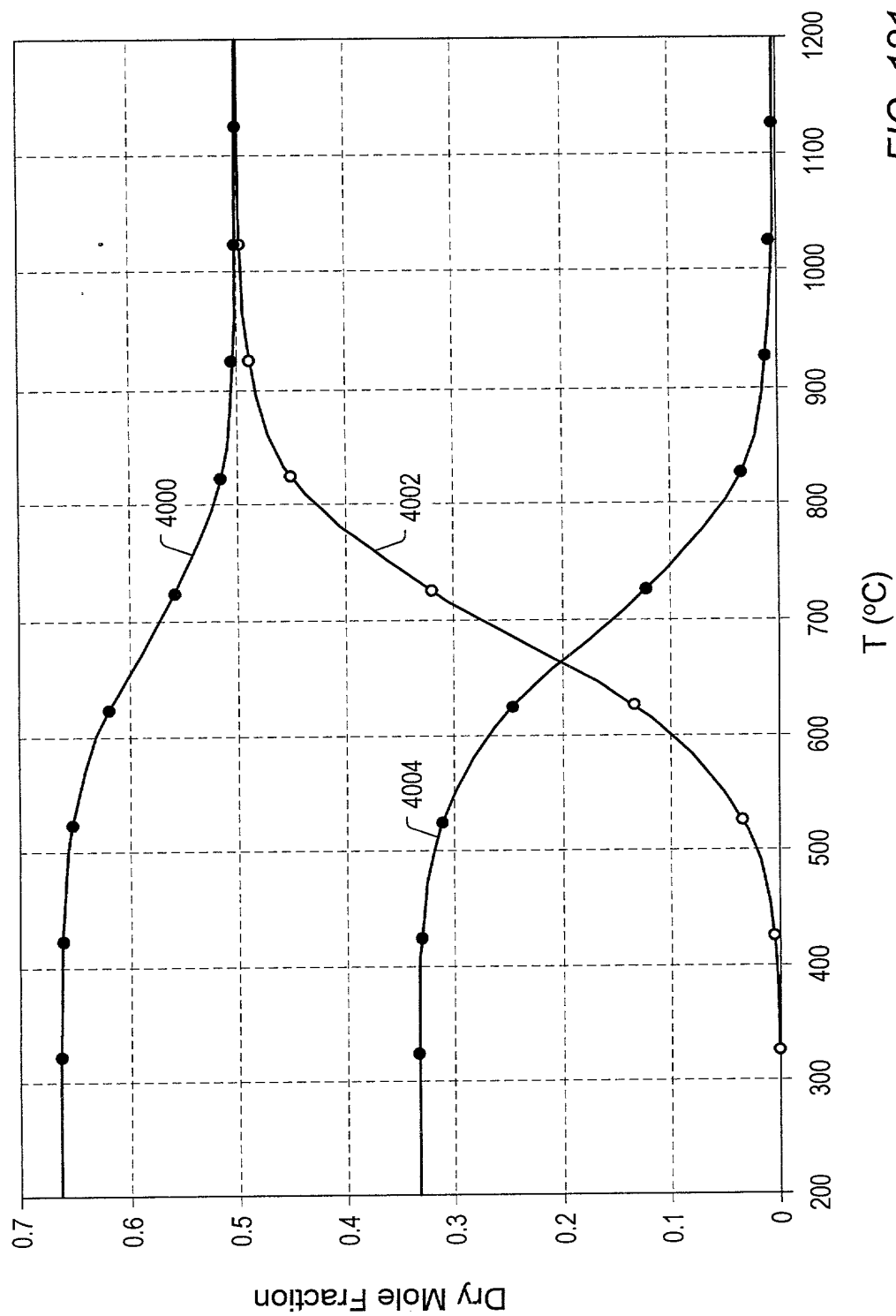


FIG. 121

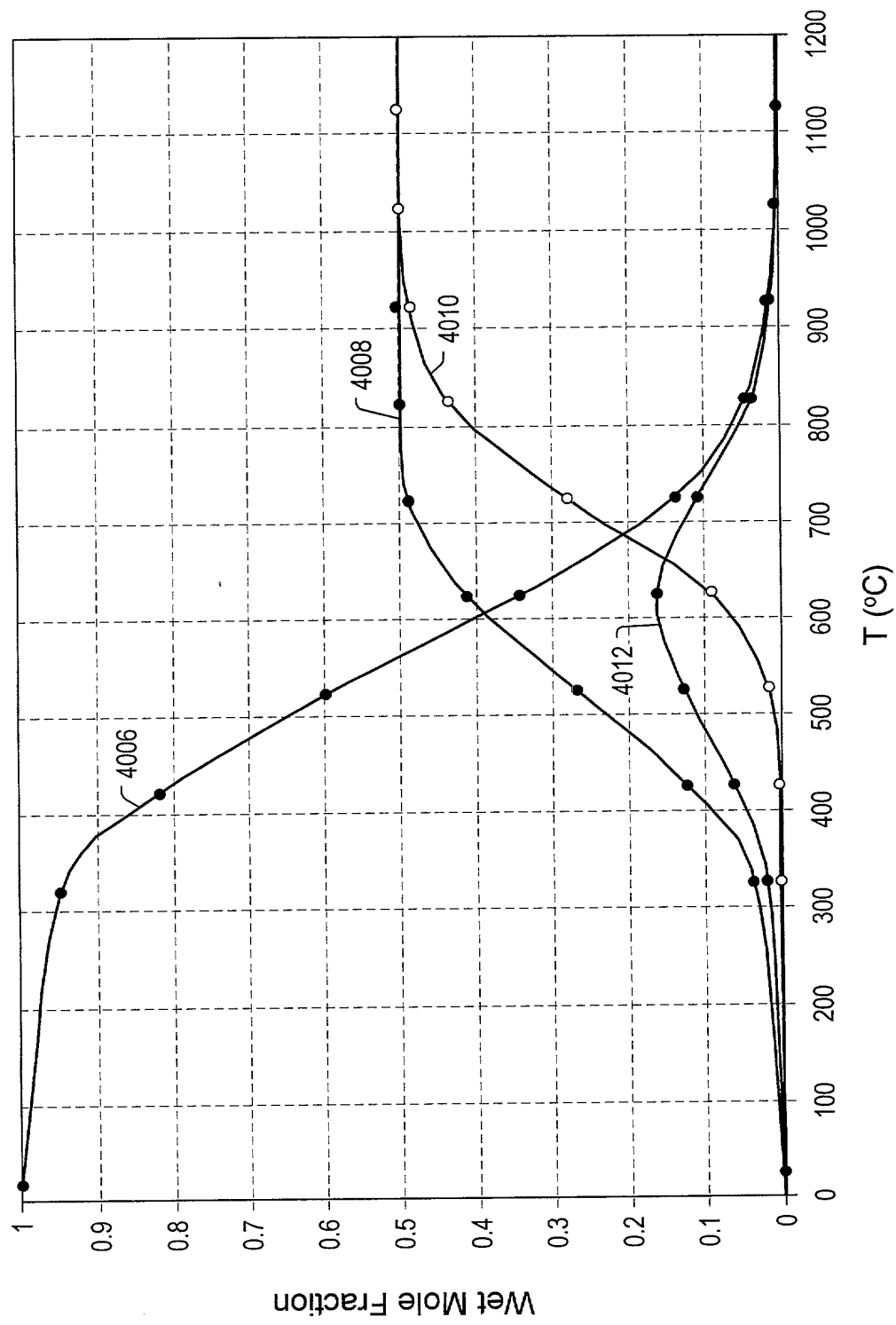
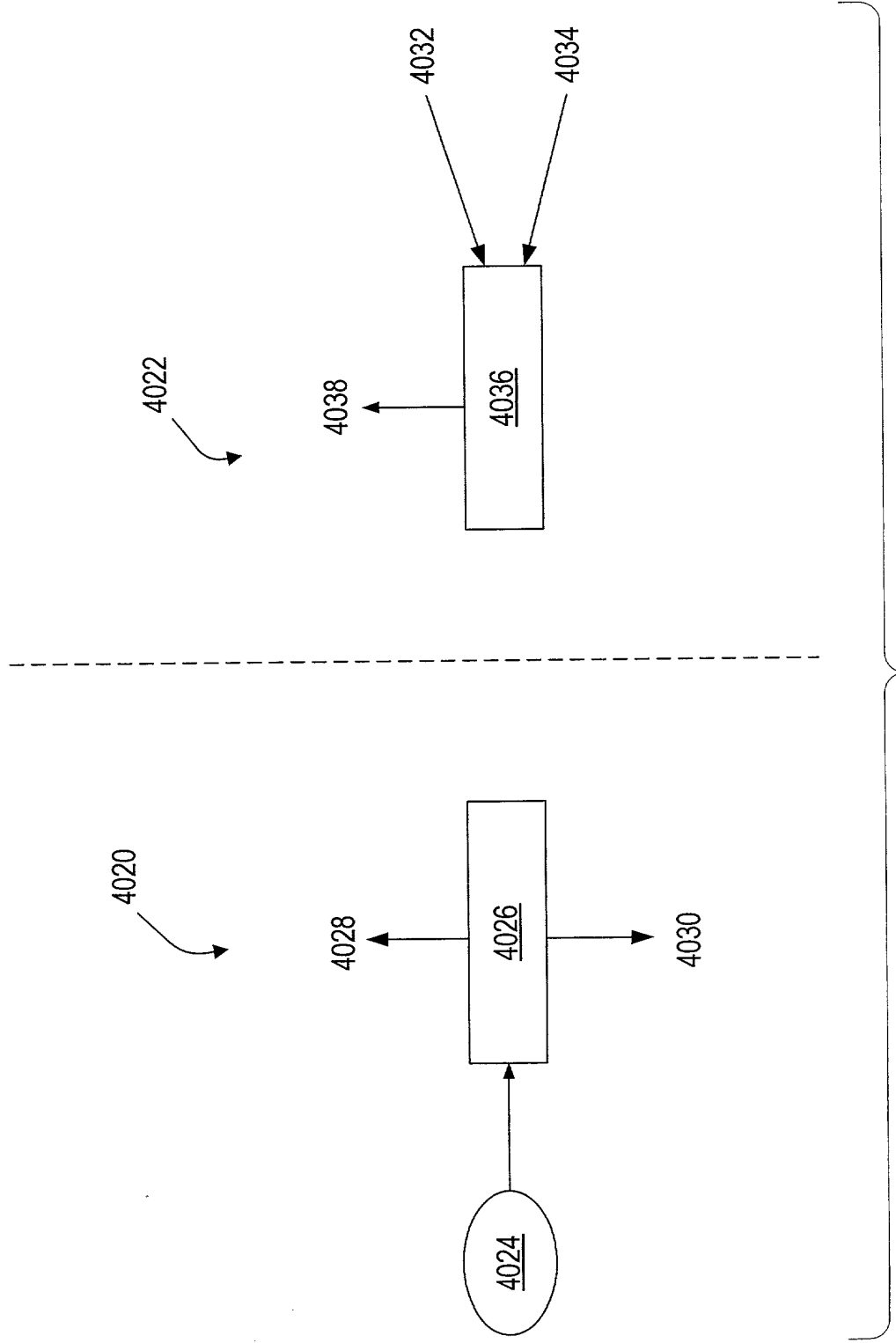


FIG. 122



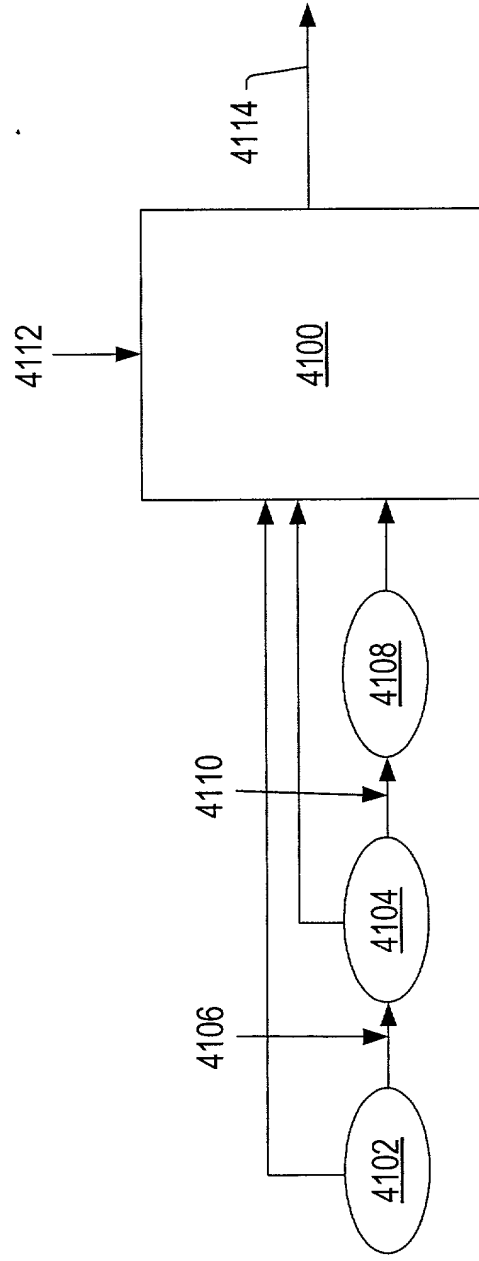


FIG. 124

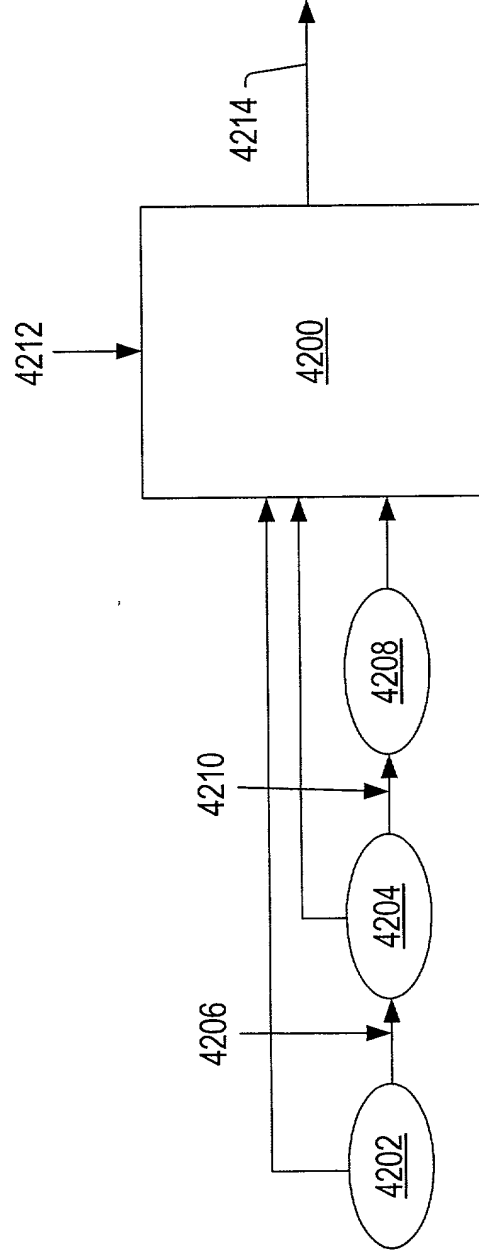


FIG. 125

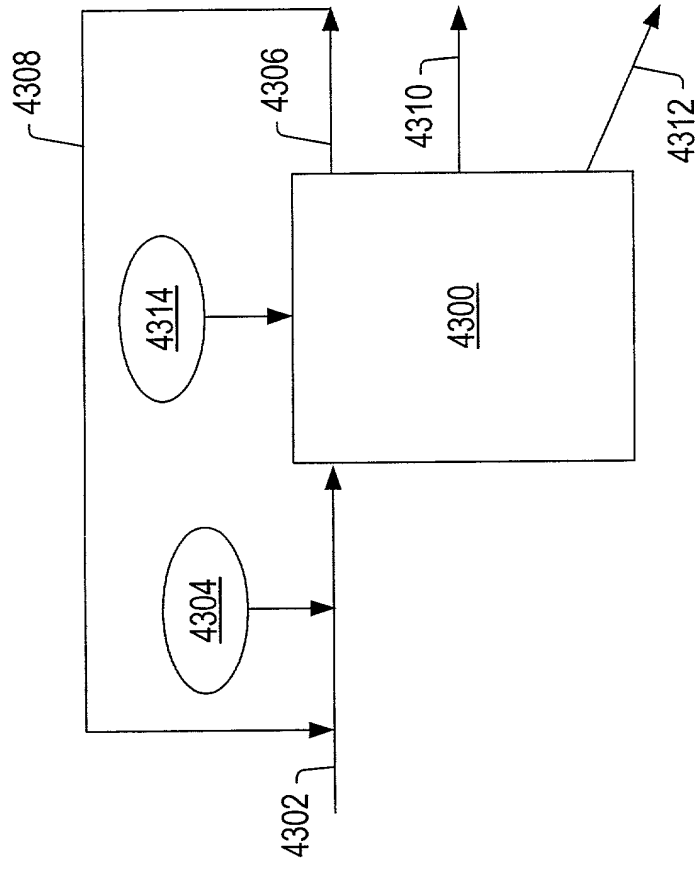


FIG. 126

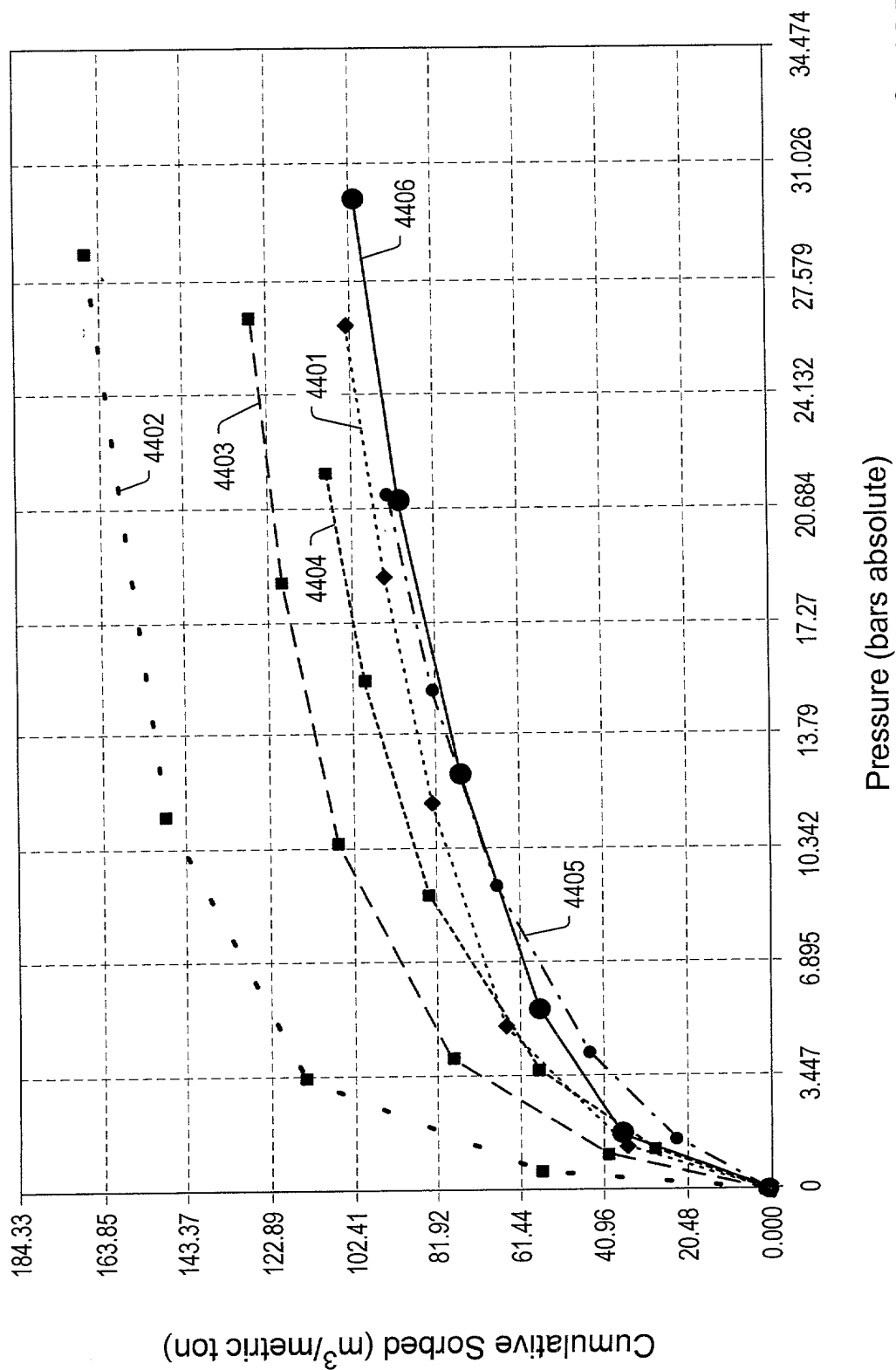


FIG. 127



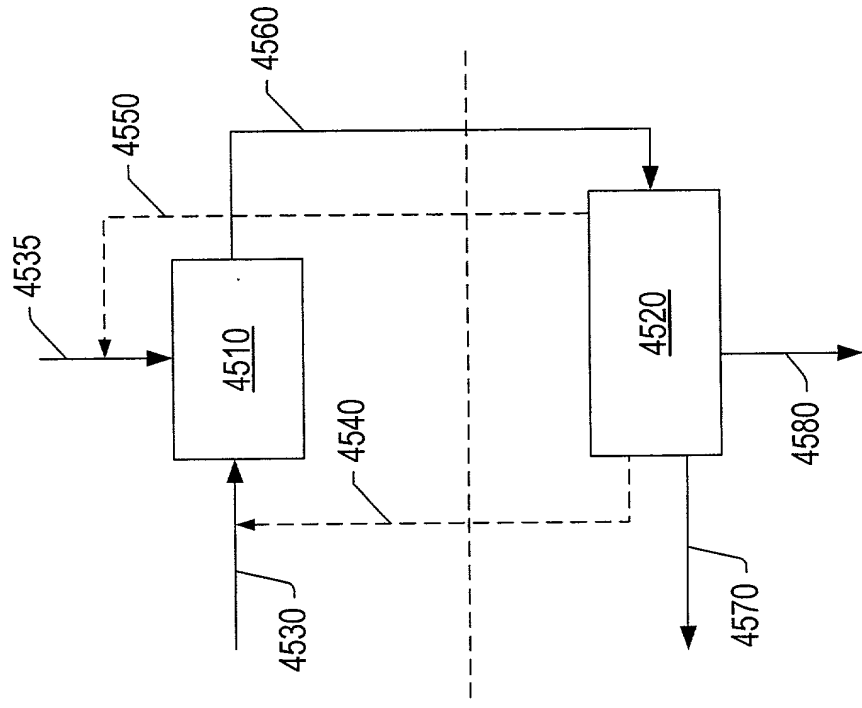


FIG. 128

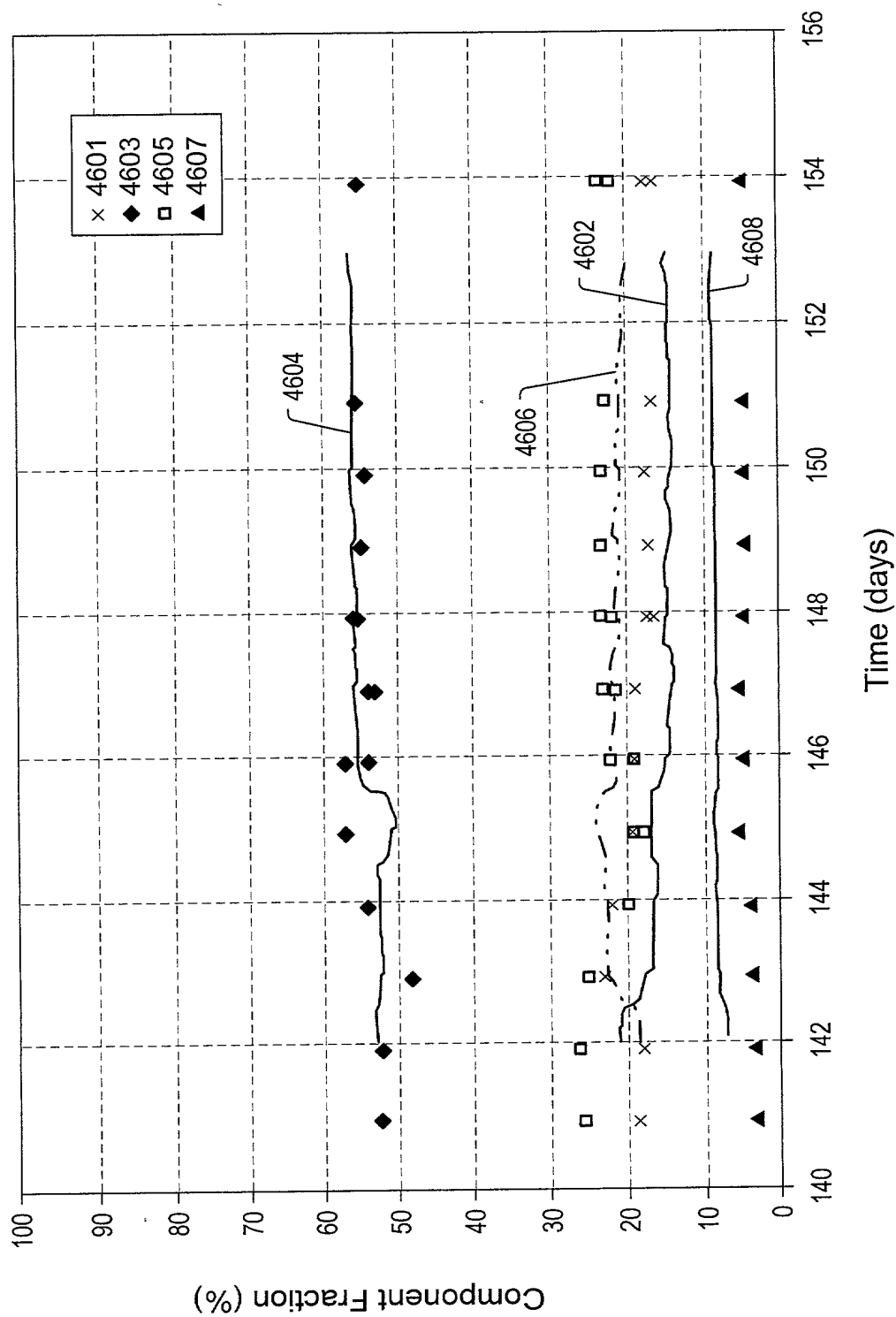


FIG. 129

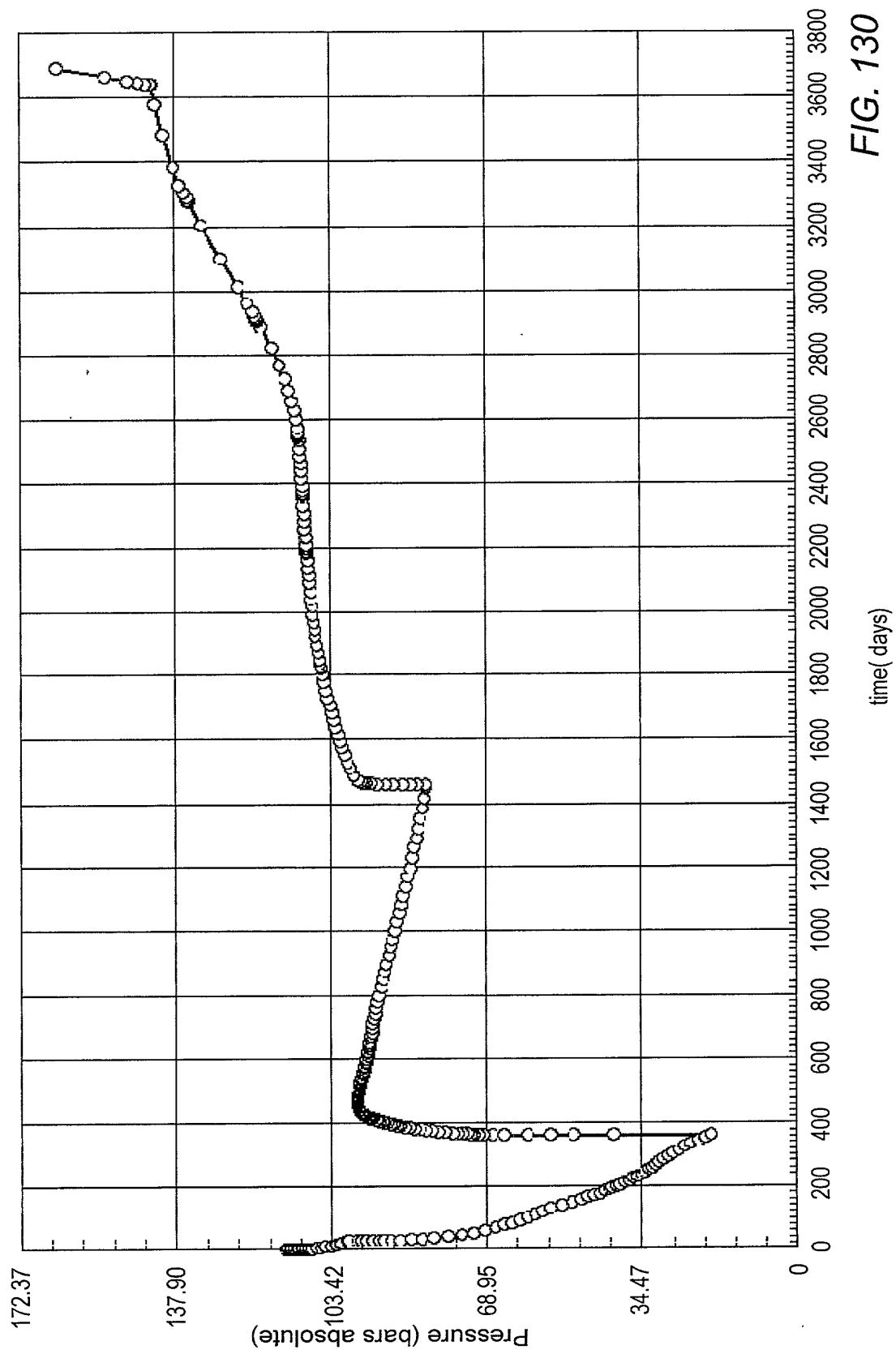


FIG. 130

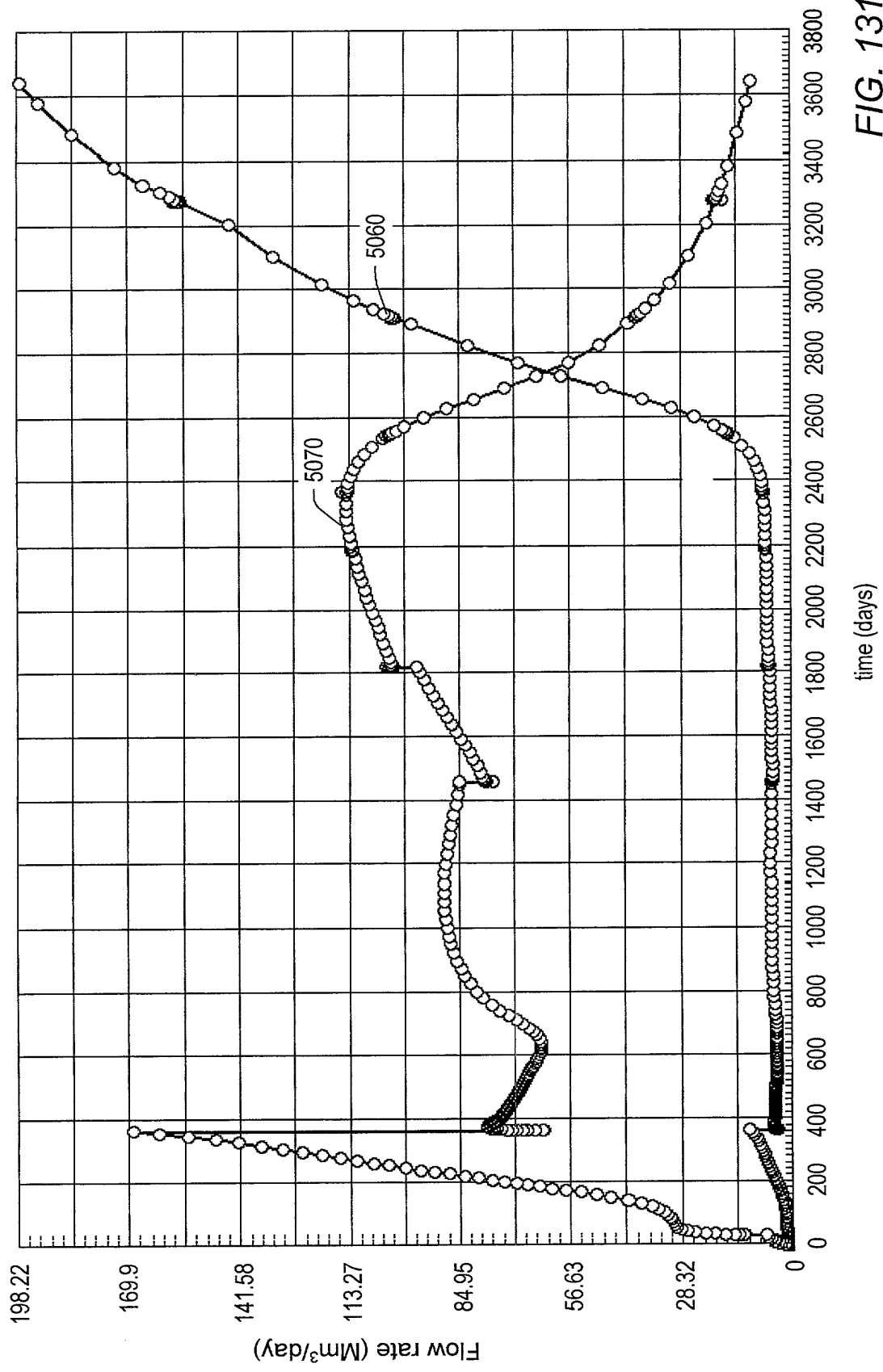


FIG. 131

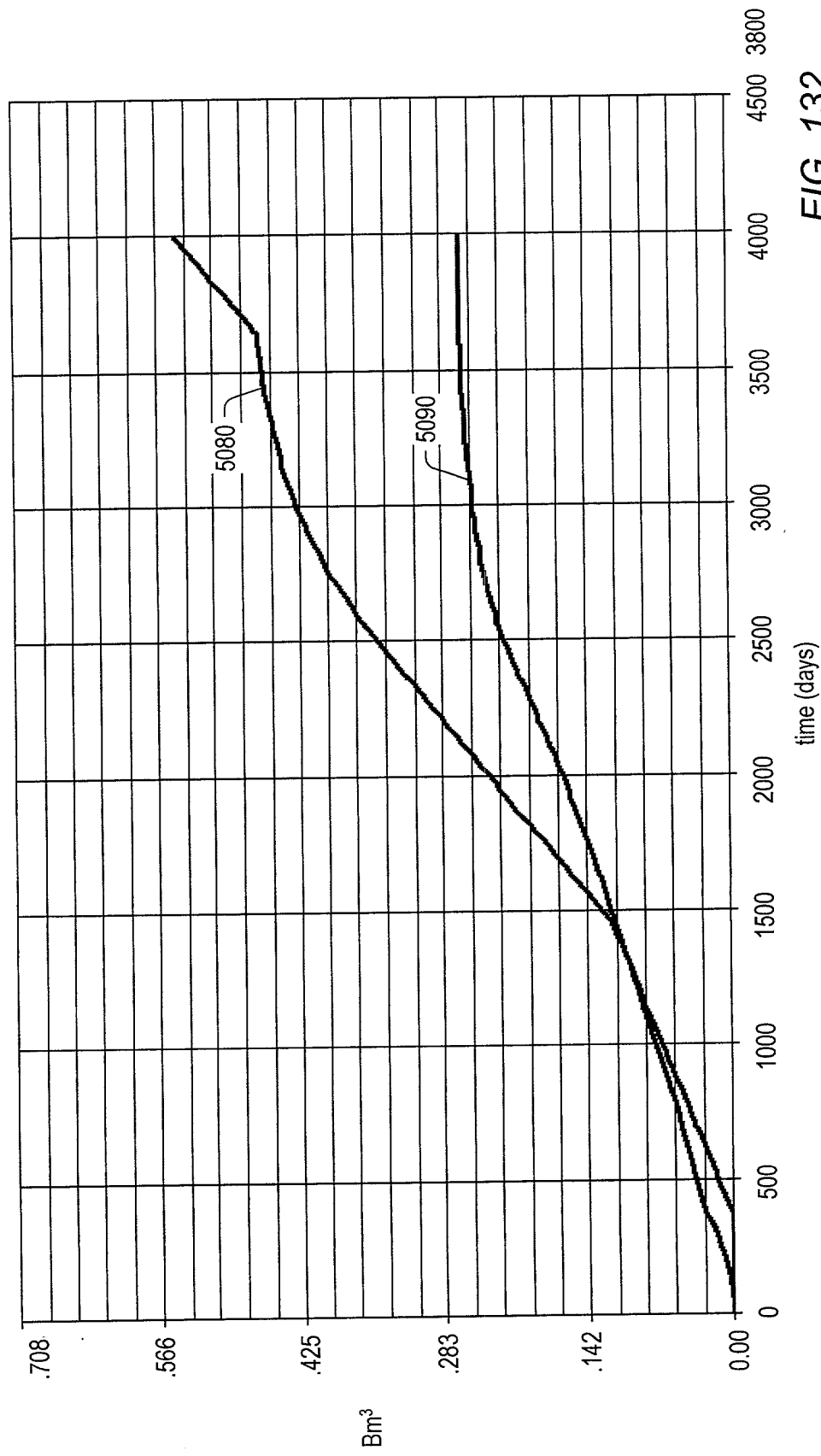


FIG. 132

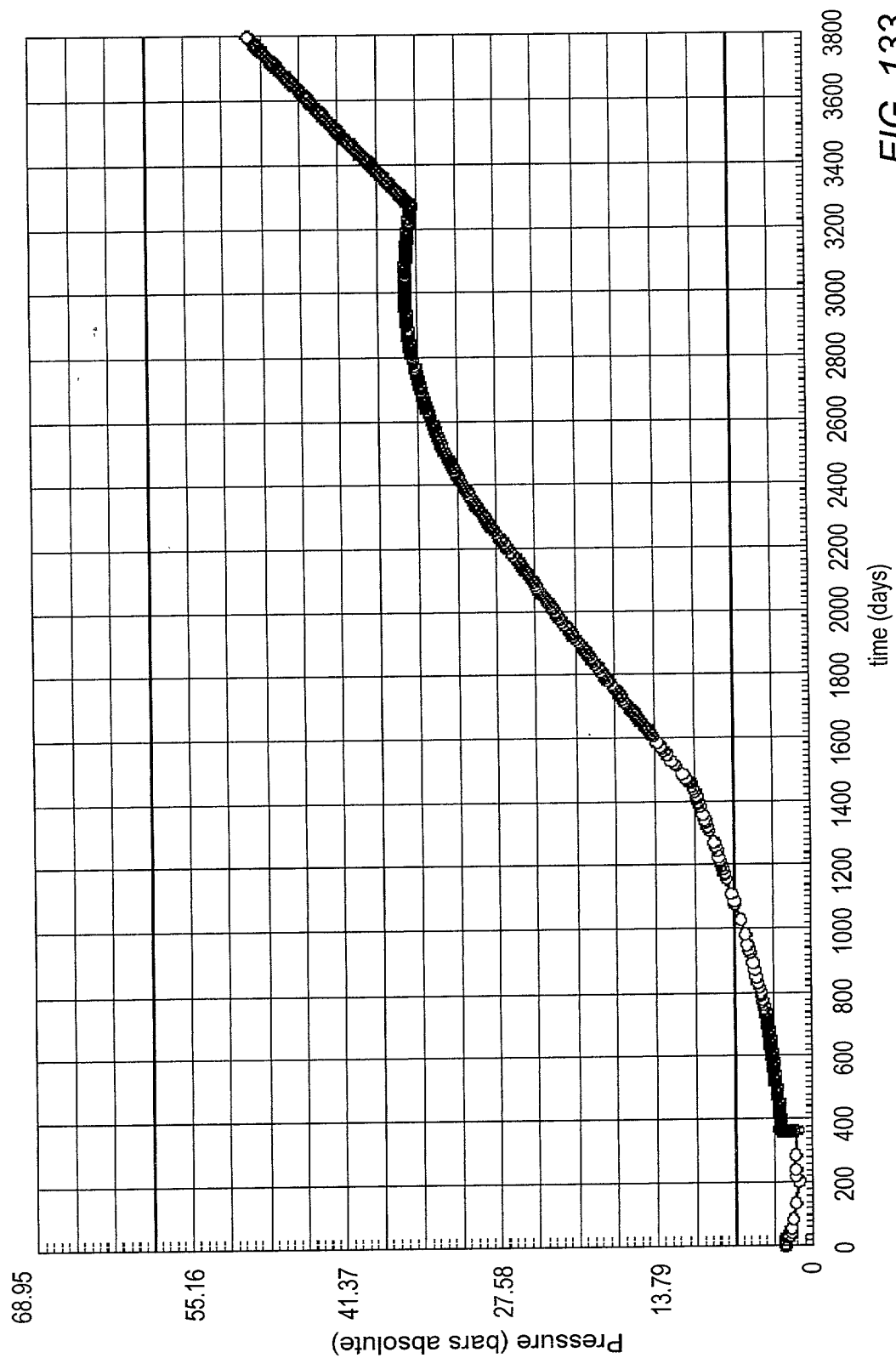


FIG. 133

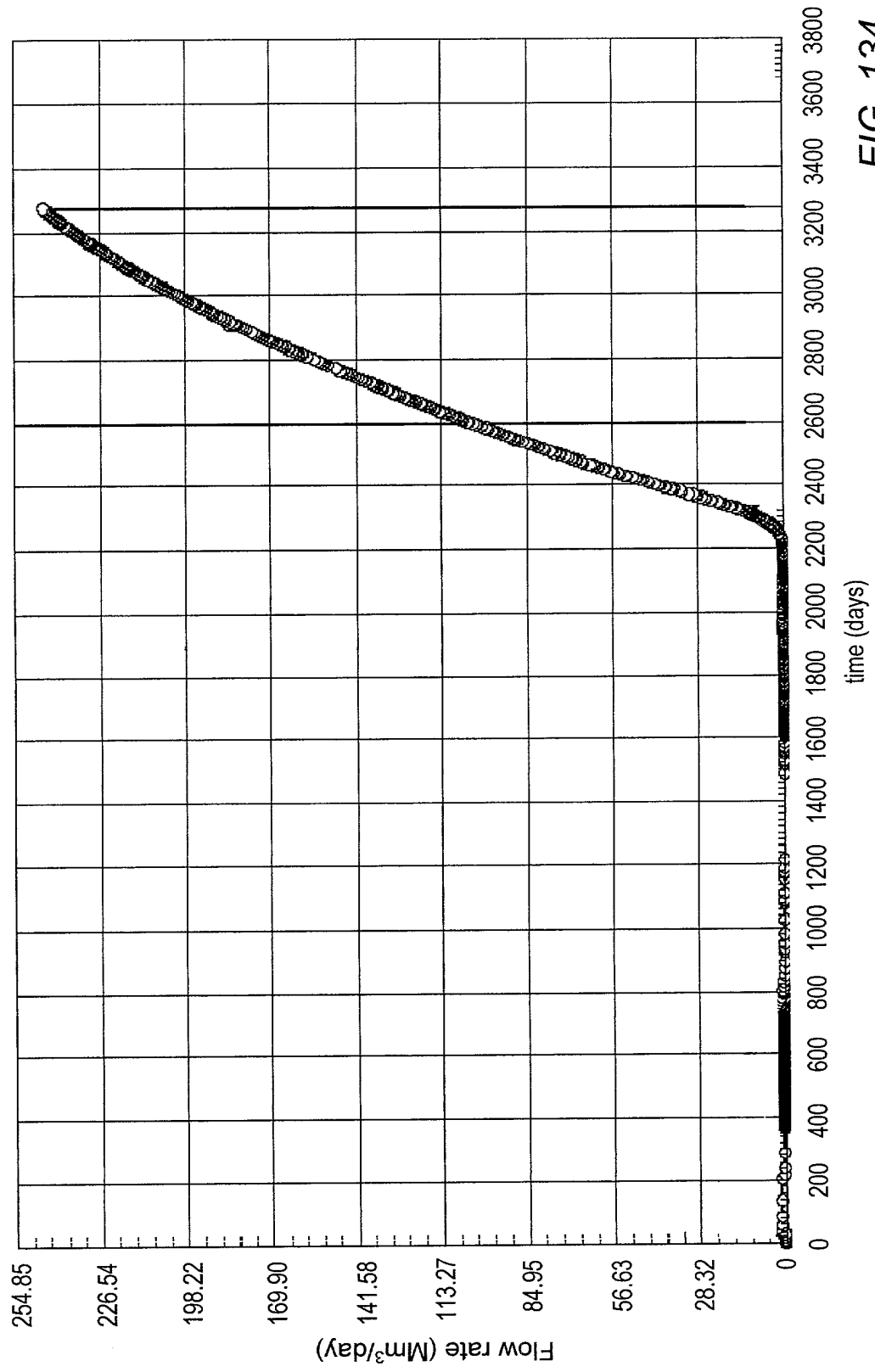


FIG. 134

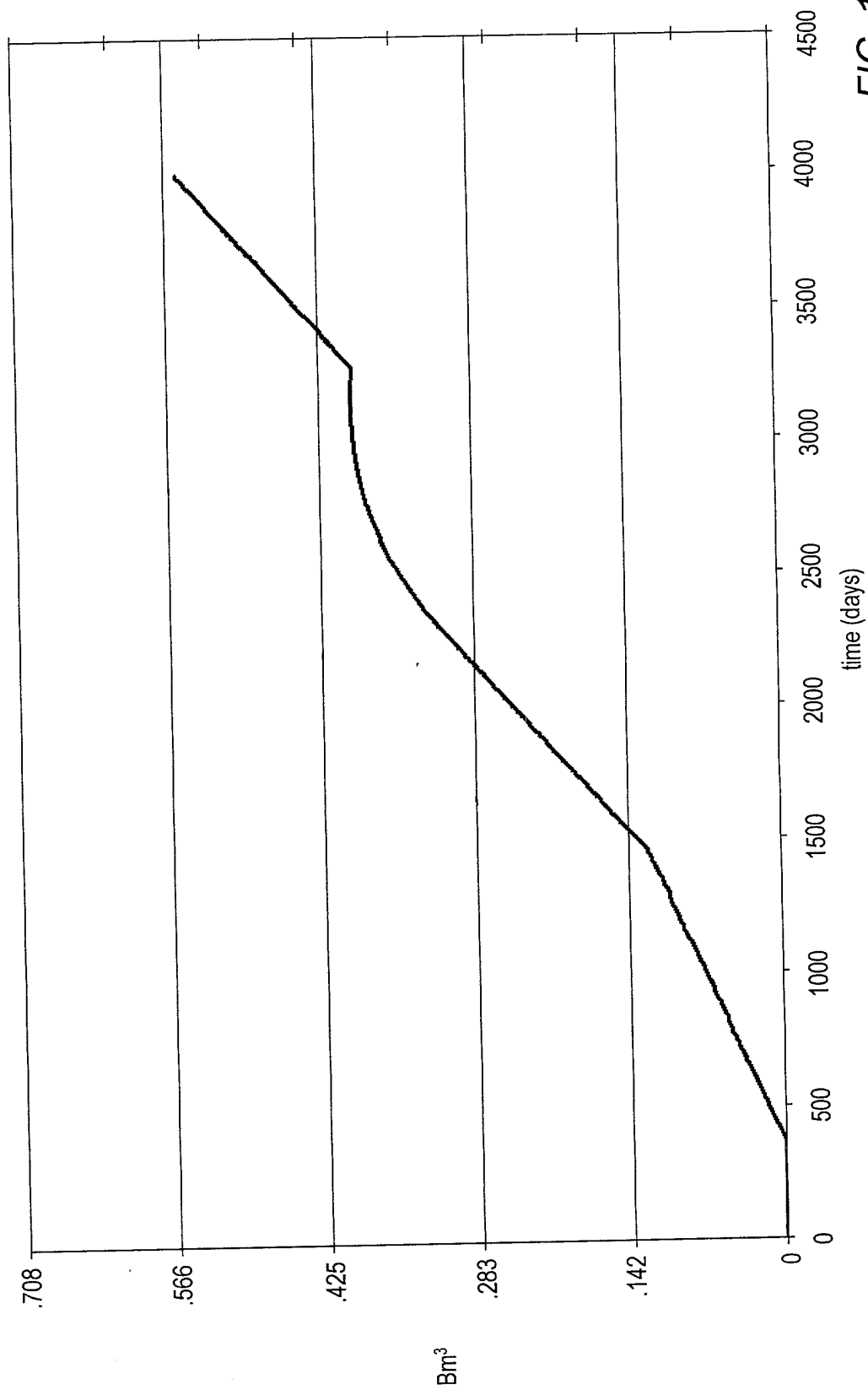


FIG. 135